STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL	
	1. WELL NAME and NUMBER Greater Monument Butte M-22-8-17
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** MONUMENT BUTTE
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME** GMBU (GRRV)
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-77233 / **11. MINERAL OWNERSHIP** FEDERAL ● INDIAN ○ STATE ○ FEE ○	**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ●
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Brad and Joann Nelson	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 638, Roosevelt, UT 84066	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') / **18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ●	**19. SLANT** VERTICAL ○ DIRECTIONAL ● HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1959 FNL 2011 FWL	SENW	22	8.0 S	17.0 E	S
Top of Uppermost Producing Zone	2411 FNL 2618 FWL	SENW	22	8.0 S	17.0 E	S
At Total Depth	2597 FSL 2309 FEL	NWSE	22	8.0 S	17.0 E	S

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 2480	**23. NUMBER OF ACRES IN DRILLING UNIT** 20
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1032	**26. PROPOSED DEPTH** MD: 6776 TVD: 6776
27. ELEVATION - GROUND LEVEL 5160	**28. BOND NUMBER** WYB000493	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**	☑ **COMPLETE DRILLING PLAN**
☑ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**	☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**	☑ **TOPOGRAPHICAL MAP**

NAME Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 11/30/2010	**EMAIL** mcrozier@newfield.com
API NUMBER ASSIGNED 43013505150000	**APPROVAL**	Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	6776		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	6776	15.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	300		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	300	24.0			

'APIWellNo:43013505150000'

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE M-22-8-17
AT SURFACE: SE/NW SECTION 22, T8S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1850'
Green River	1850'
Wasatch	6600'
Proposed TD	6776'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1850' – 6600'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. *PROPOSED CASING PROGRAM*

a. Casing Design: Greater Monument Butte M-22-8-17

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,776'	15.5	J-55	LTC	4,810 2.23	4,040 1.87	217,000 2.07

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Greater Monument Butte M-22-8-17

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,776'	Prem Lite II w/ 10% gel + 3% KCl	330 1076	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

'APIWellNo:43013505150000'

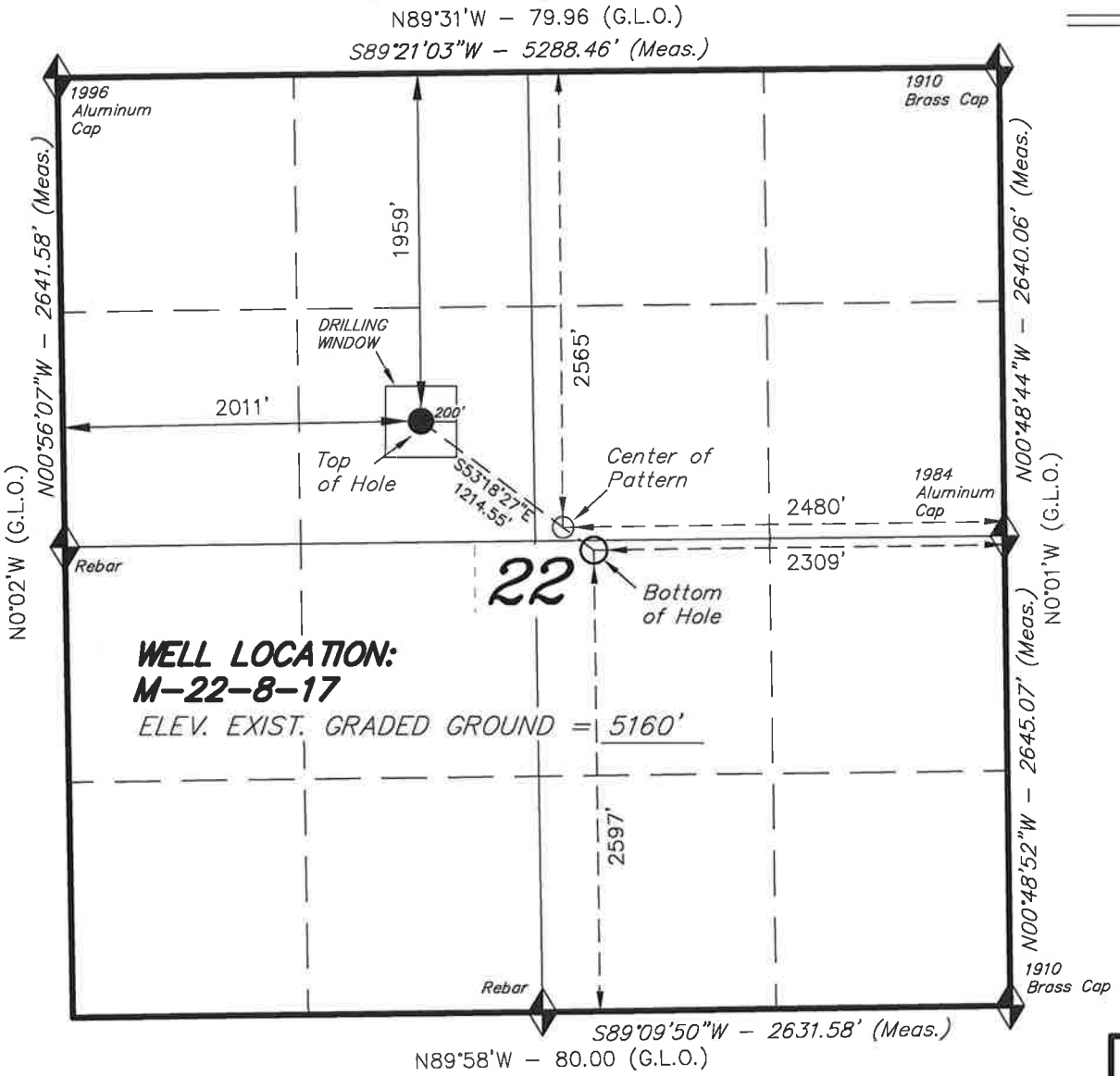
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2011, and take approximately seven (7) days from spud to rig release.

'APIWellNo:43013505150000'

T8S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, M-22-8-17, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 22, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, M-22-8-17, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 22, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH
STATE OF UTAH

= SECTION CORNERS LOCATED

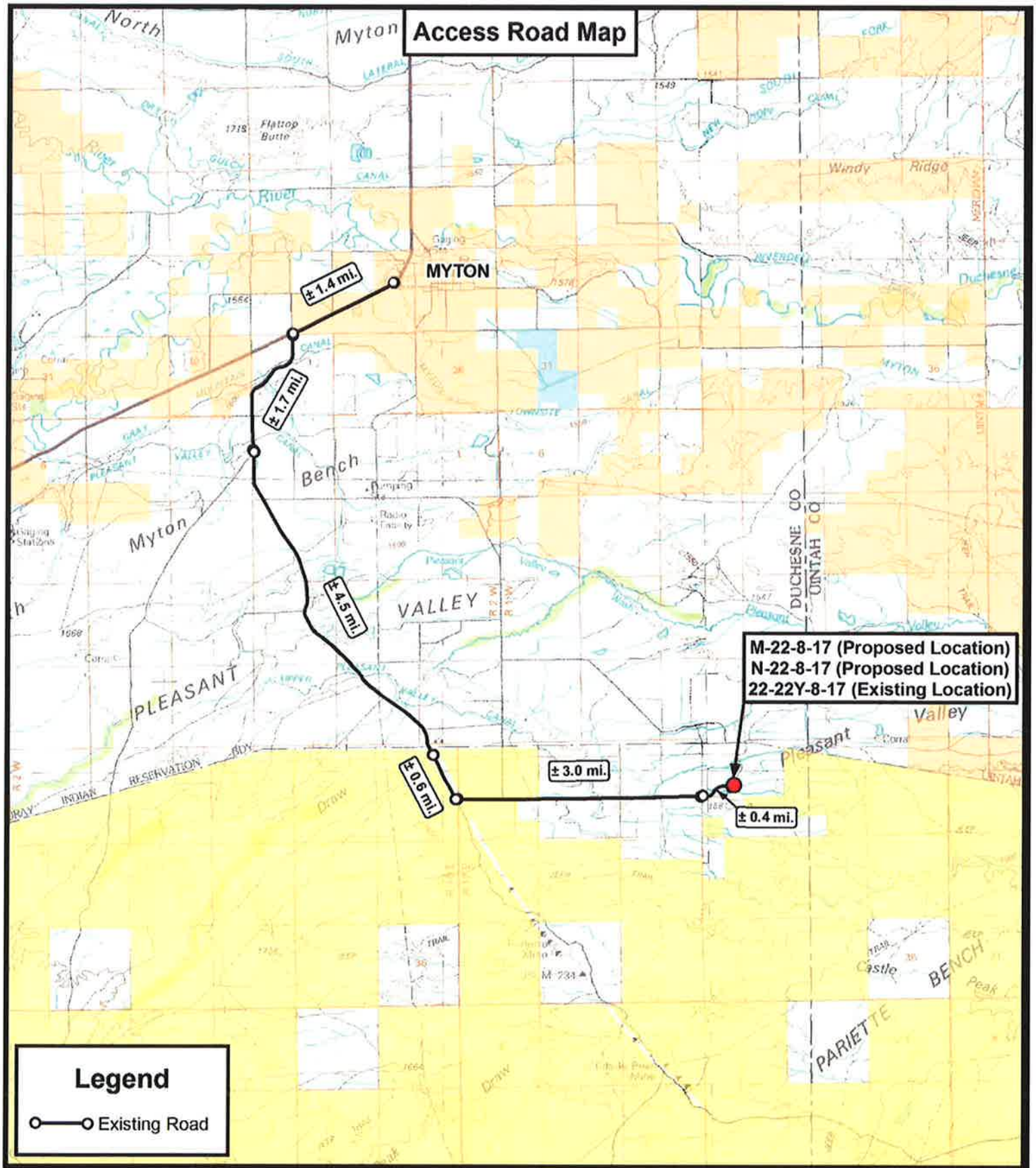
BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

M-22-8-17 (Surface Location) NAD 83
LATITUDE = 40° 06' 19.26"
LONGITUDE = 109° 59' 41.34"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 08-13-10	SURVEYED BY: D.G.
DATE DRAWN: 09-29-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

'APIWellNo:43013505150000'



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

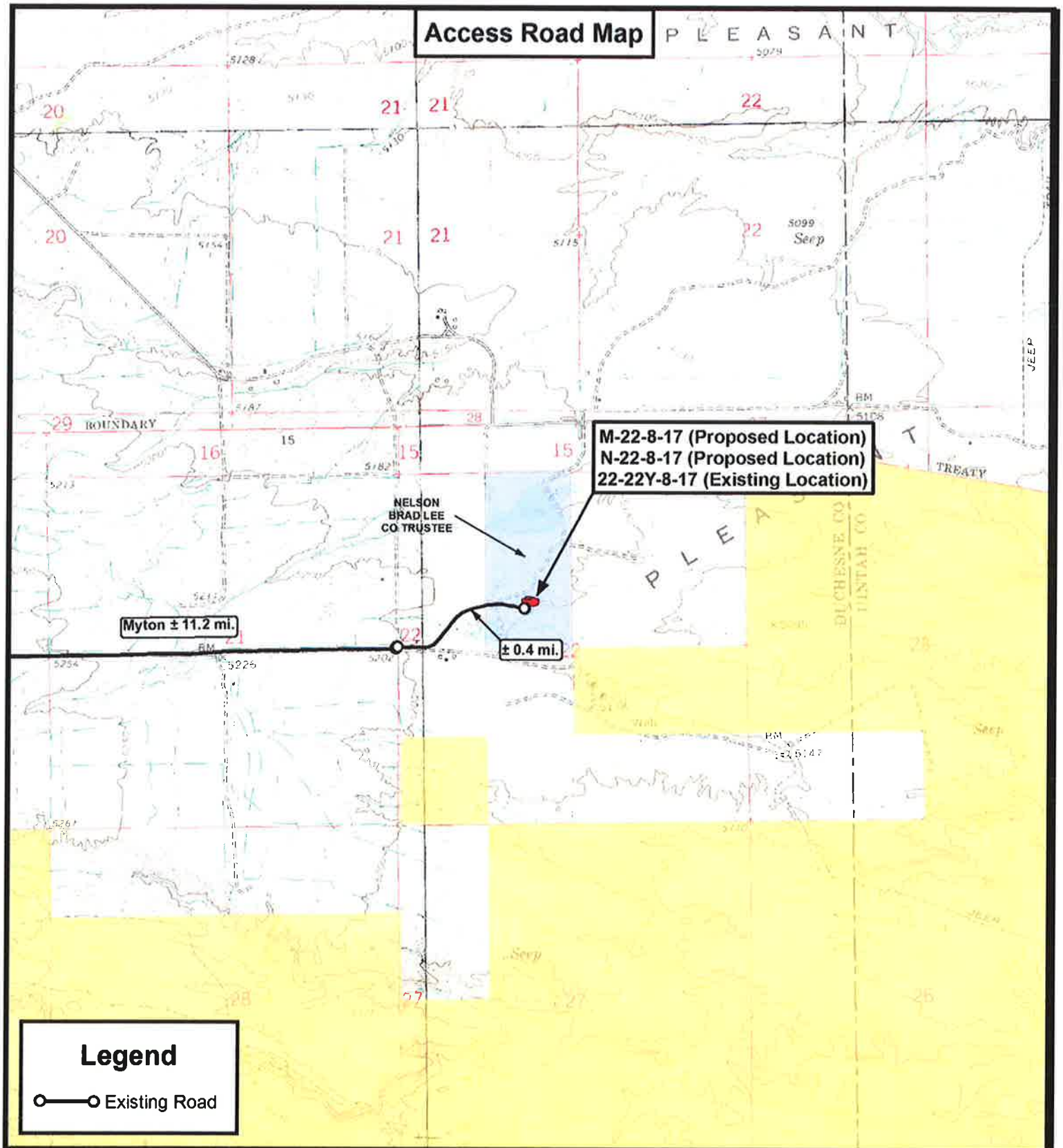
M-22-8-17 (Proposed Location)
N-22-8-17 (Proposed Location)
22-22Y-8-17 (Existing Location)
SEC. 22, T8S, R17E, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	08-26-2010
SCALE:	1:100,000

TOPOGRAPHIC MAP

SHEET A

'APIWellNo:43013505150000'



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NEWFIELD EXPLORATION COMPANY

M-22-8-17 (Proposed Location)
N-22-8-17 (Proposed Location)
22-22Y-8-17 (Existing Location)
SEC. 22, T8S, R17E, U.S.B.&M. Duchesne County, UT.

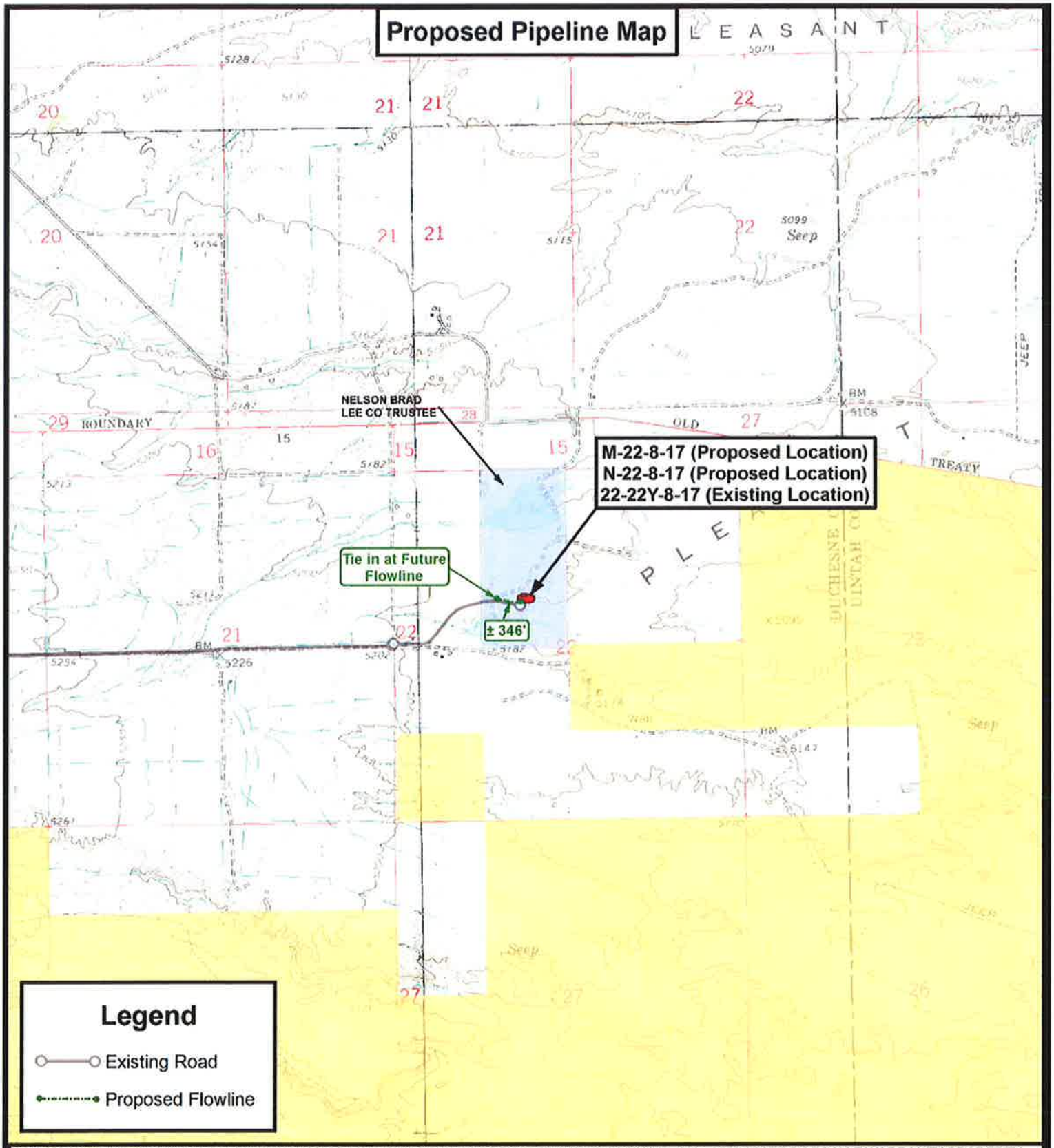
DRAWN BY:	C.H.M.
DATE:	08-26-2010
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET B

'APIWellNo:43013505150000'

Proposed Pipeline Map



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NEWFIELD EXPLORATION COMPANY

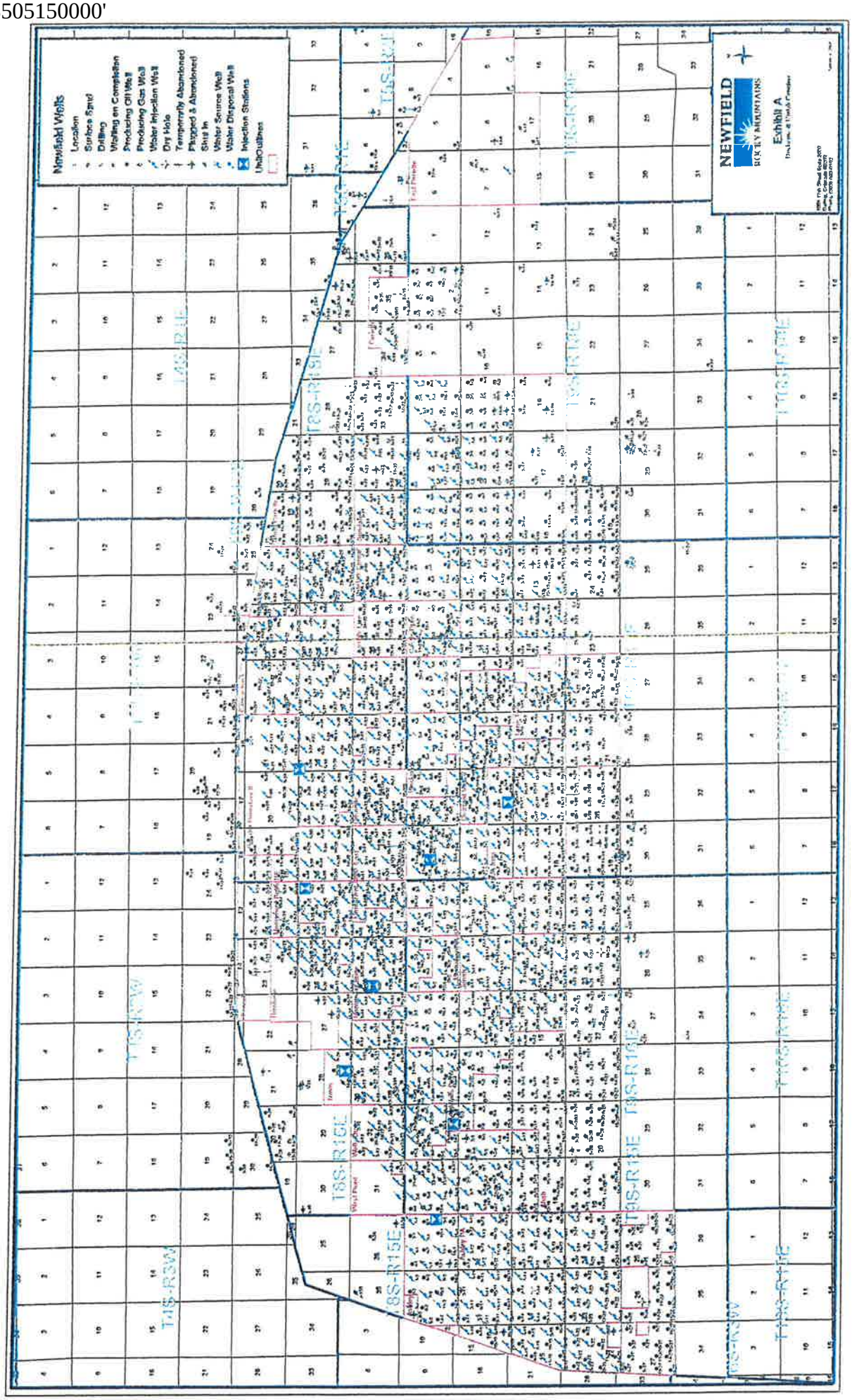
M-22-8-17 (Proposed Location)
N-22-8-17 (Proposed Location)
22-22Y-8-17 (Existing Location)
SEC. 22, T8S, R17E, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	08-26-2010
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET C

'APIWellNo:43013505150000'



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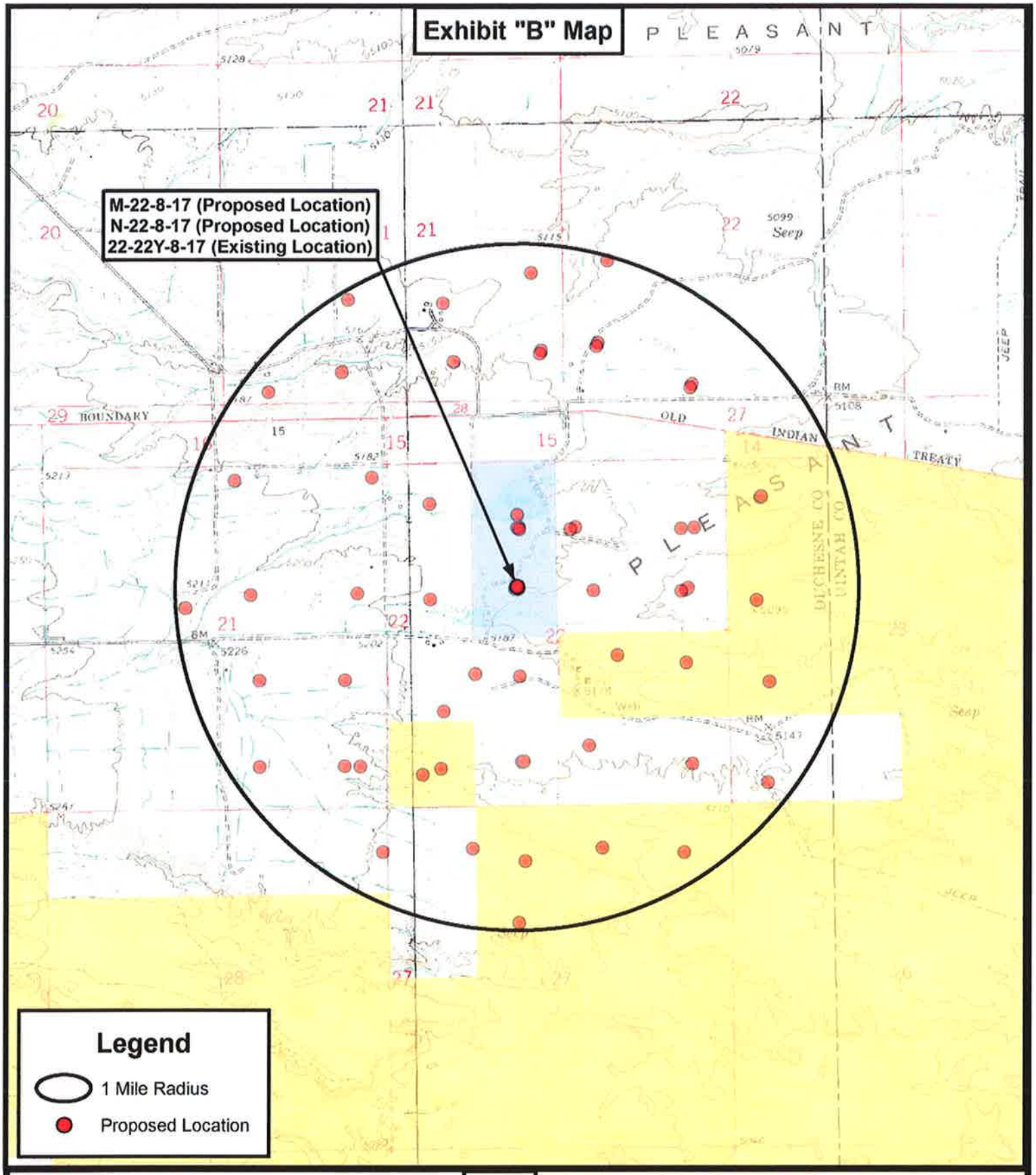

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P: (435) 781-2501
F: (435) 781-2518

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NEWFIELD EXPLORATION COMPANY

M-22-8-17 (Proposed Location)
N-22-8-17 (Proposed Location)
22-22Y-8-17 (Existing Location)
SEC. 22, T8S, R17E, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	08-26-2010
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET D

'APIWellNo:43013505150000'

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 22 T8S, R17E
M-22-8-17

Wellbore #1

Plan: Design #1

Standard Planning Report

27 September, 2010

PAYZONE

'APIWellNo:43013505150000'

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well M-22-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	M-22-8-17 @ 5172.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	M-22-8-17 @ 5172.0ft (Original Well Elev)
Site:	SECTION 22 T8S, R17E	**North Reference:**	True
Well:	M-22-8-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 22 T8S, R17E, SEC 22 T8S, R17E				
Site Position:		**Northing:**	7,208,900.00 ft	**Latitude:**	40° 6' 1.964 N
From:	Lat/Long	**Easting:**	2,062,000.00 ft	**Longitude:**	109° 59' 34.084 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.97 °

Well	M-22-8-17, SHL LAT: 40° 06' 19.26, LONG: -109° 59' 41.34					
Well Position	**+N/-S**	1,750.0 ft	**Northing:**	7,210,640.30 ft	**Latitude:**	40° 6' 19.260 N
	+E/-W	-563.8 ft	**Easting:**	2,061,406.80 ft	**Longitude:**	109° 59' 41.340 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,172.0 ft	**Ground Level:**	5,160.0 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2010/09/07	11.39	65.88	52,392

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	5,650.0	0.0	0.0	126.69	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,409.7	12.14	126.69	1,403.6	-51.1	68.6	1.50	1.50	0.00	126.69	
5,753.3	12.14	126.69	5,650.0	-597.1	801.3	0.00	0.00	0.00	0.00	M-22-8-17 TGT
6,776.2	12.14	126.69	6,650.0	-725.7	973.9	0.00	0.00	0.00	0.00	

'APIWellNo:43013505150000'

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well M-22-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	M-22-8-17 @ 5172.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	M-22-8-17 @ 5172.0ft (Original Well Elev)
Site:	SECTION 22 T8S, R17E	**North Reference:**	True
Well:	M-22-8-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	126.69	700.0	-0.8	1.0	1.3	1.50	1.50	0.00
800.0	3.00	126.69	799.9	-3.1	4.2	5.2	1.50	1.50	0.00
900.0	4.50	126.69	899.7	-7.0	9.4	11.8	1.50	1.50	0.00
1,000.0	6.00	126.69	999.3	-12.5	16.8	20.9	1.50	1.50	0.00
1,100.0	7.50	126.69	1,098.6	-19.5	26.2	32.7	1.50	1.50	0.00
1,200.0	9.00	126.69	1,197.5	-28.1	37.7	47.0	1.50	1.50	0.00
1,300.0	10.50	126.69	1,296.1	-38.2	51.3	64.0	1.50	1.50	0.00
1,409.7	12.14	126.69	1,403.6	-51.1	68.6	85.5	1.50	1.50	0.00
1,500.0	12.14	126.69	1,491.9	-62.4	83.8	104.5	0.00	0.00	0.00
1,600.0	12.14	126.69	1,589.7	-75.0	100.7	125.5	0.00	0.00	0.00
1,700.0	12.14	126.69	1,687.5	-87.6	117.5	146.6	0.00	0.00	0.00
1,800.0	12.14	126.69	1,785.2	-100.1	134.4	167.6	0.00	0.00	0.00
1,900.0	12.14	126.69	1,883.0	-112.7	151.3	188.6	0.00	0.00	0.00
2,000.0	12.14	126.69	1,980.7	-125.3	168.1	209.7	0.00	0.00	0.00
2,100.0	12.14	126.69	2,078.5	-137.9	185.0	230.7	0.00	0.00	0.00
2,200.0	12.14	126.69	2,176.3	-150.4	201.9	251.8	0.00	0.00	0.00
2,300.0	12.14	126.69	2,274.0	-163.0	218.8	272.8	0.00	0.00	0.00
2,400.0	12.14	126.69	2,371.8	-175.6	235.6	293.8	0.00	0.00	0.00
2,500.0	12.14	126.69	2,469.5	-188.1	252.5	314.9	0.00	0.00	0.00
2,600.0	12.14	126.69	2,567.3	-200.7	269.4	335.9	0.00	0.00	0.00
2,700.0	12.14	126.69	2,665.1	-213.3	286.2	357.0	0.00	0.00	0.00
2,800.0	12.14	126.69	2,762.8	-225.8	303.1	378.0	0.00	0.00	0.00
2,900.0	12.14	126.69	2,860.6	-238.4	320.0	399.0	0.00	0.00	0.00
3,000.0	12.14	126.69	2,958.4	-251.0	336.8	420.1	0.00	0.00	0.00
3,100.0	12.14	126.69	3,056.1	-263.6	353.7	441.1	0.00	0.00	0.00
3,200.0	12.14	126.69	3,153.9	-276.1	370.6	462.1	0.00	0.00	0.00
3,300.0	12.14	126.69	3,251.6	-288.7	387.5	483.2	0.00	0.00	0.00
3,400.0	12.14	126.69	3,349.4	-301.3	404.3	504.2	0.00	0.00	0.00
3,500.0	12.14	126.69	3,447.2	-313.8	421.2	525.3	0.00	0.00	0.00
3,600.0	12.14	126.69	3,544.9	-326.4	438.1	546.3	0.00	0.00	0.00
3,700.0	12.14	126.69	3,642.7	-339.0	454.9	567.3	0.00	0.00	0.00
3,800.0	12.14	126.69	3,740.5	-351.5	471.8	588.4	0.00	0.00	0.00
3,900.0	12.14	126.69	3,838.2	-364.1	488.7	609.4	0.00	0.00	0.00
4,000.0	12.14	126.69	3,936.0	-376.7	505.5	630.5	0.00	0.00	0.00
4,100.0	12.14	126.69	4,033.7	-389.3	522.4	651.5	0.00	0.00	0.00
4,200.0	12.14	126.69	4,131.5	-401.8	539.3	672.5	0.00	0.00	0.00
4,300.0	12.14	126.69	4,229.3	-414.4	556.2	693.6	0.00	0.00	0.00
4,400.0	12.14	126.69	4,327.0	-427.0	573.0	714.6	0.00	0.00	0.00
4,500.0	12.14	126.69	4,424.8	-439.5	589.9	735.6	0.00	0.00	0.00
4,600.0	12.14	126.69	4,522.5	-452.1	606.8	756.7	0.00	0.00	0.00
4,700.0	12.14	126.69	4,620.3	-464.7	623.6	777.7	0.00	0.00	0.00
4,800.0	12.14	126.69	4,718.1	-477.2	640.5	798.8	0.00	0.00	0.00
4,900.0	12.14	126.69	4,815.8	-489.8	657.4	819.8	0.00	0.00	0.00
5,000.0	12.14	126.69	4,913.6	-502.4	674.2	840.8	0.00	0.00	0.00
5,100.0	12.14	126.69	5,011.4	-515.0	691.1	861.9	0.00	0.00	0.00
5,200.0	12.14	126.69	5,109.1	-527.5	708.0	882.9	0.00	0.00	0.00
5,300.0	12.14	126.69	5,206.9	-540.1	724.9	904.0	0.00	0.00	0.00

'APIWellNo:43013505150000'

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well M-22-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	M-22-8-17 @ 5172.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	M-22-8-17 @ 5172.0ft (Original Well Elev)
Site:	SECTION 22 T8S, R17E	**North Reference:**	True
Well:	M-22-8-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.0	12.14	126.69	5,304.6	-552.7	741.7	925.0	0.00	0.00	0.00
5,500.0	12.14	126.69	5,402.4	-565.2	758.6	946.0	0.00	0.00	0.00
5,600.0	12.14	126.69	5,500.2	-577.8	775.5	967.1	0.00	0.00	0.00
5,700.0	12.14	126.69	5,597.9	-590.4	792.3	988.1	0.00	0.00	0.00
5,753.3	12.14	126.69	5,650.0	-597.1	801.3	999.3	0.00	0.00	0.00
M-22-8-17 TGT									
5,800.0	12.14	126.69	5,695.7	-602.9	809.2	1,009.1	0.00	0.00	0.00
5,900.0	12.14	126.69	5,793.5	-615.5	826.1	1,030.2	0.00	0.00	0.00
6,000.0	12.14	126.69	5,891.2	-628.1	843.0	1,051.2	0.00	0.00	0.00
6,100.0	12.14	126.69	5,989.0	-640.7	859.8	1,072.3	0.00	0.00	0.00
6,200.0	12.14	126.69	6,086.7	-653.2	876.7	1,093.3	0.00	0.00	0.00
6,300.0	12.14	126.69	6,184.5	-665.8	893.6	1,114.3	0.00	0.00	0.00
6,400.0	12.14	126.69	6,282.3	-678.4	910.4	1,135.4	0.00	0.00	0.00
6,500.0	12.14	126.69	6,380.0	-690.9	927.3	1,156.4	0.00	0.00	0.00
6,600.0	12.14	126.69	6,477.8	-703.5	944.2	1,177.4	0.00	0.00	0.00
6,700.0	12.14	126.69	6,575.5	-716.1	961.0	1,198.5	0.00	0.00	0.00
6,776.2	12.14	126.69	6,650.0	-725.7	973.9	1,214.5	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
M-22-8-17 TGT - plan hits target - Circle (radius 75.0)	0.00	0.00	5,650.0	-597.1	801.3	7,210,056.79	2,062,218.06	40° 6' 13.359 N	109° 59' 31.027 W

'APIWellNo:43013505150000'

NEWFIELD

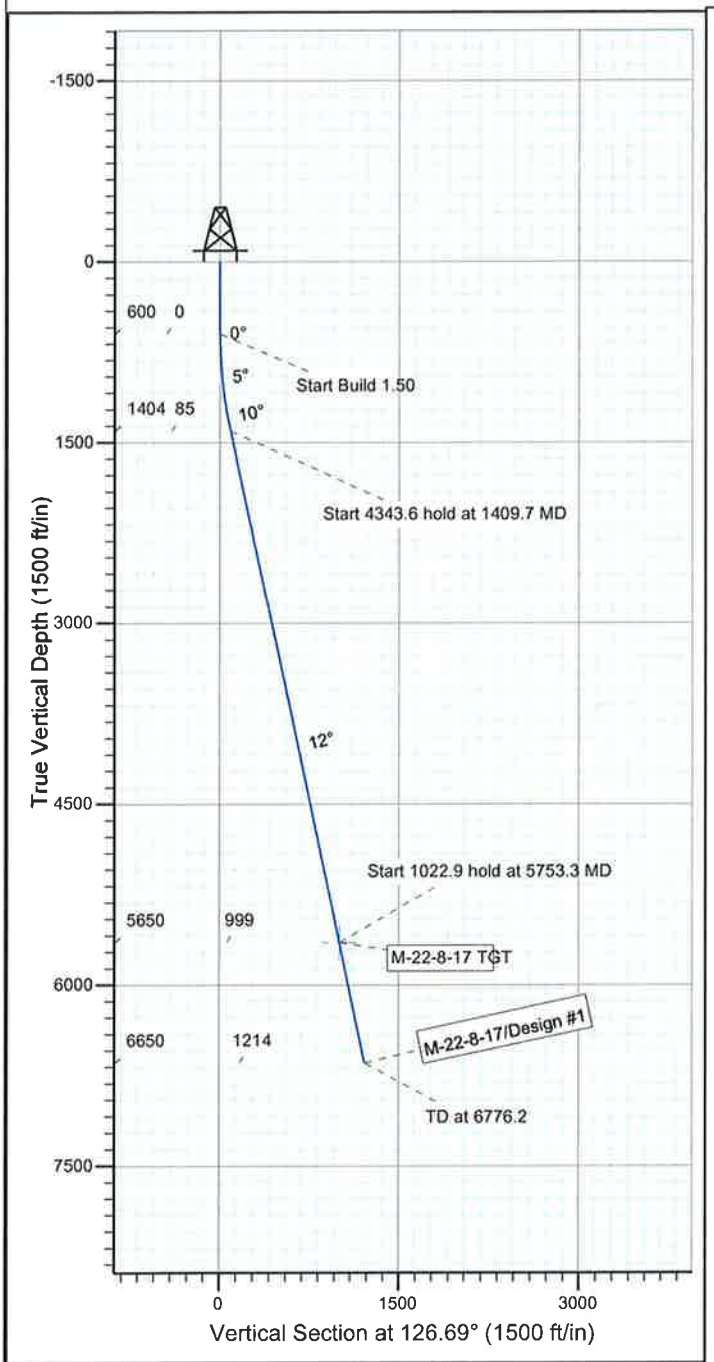
Project: USGS Myton SW (UT)
Site: SECTION 22 T8S, R17E
Well: M-22-8-17
Wellbore: Wellbore #1
Design: Design #1

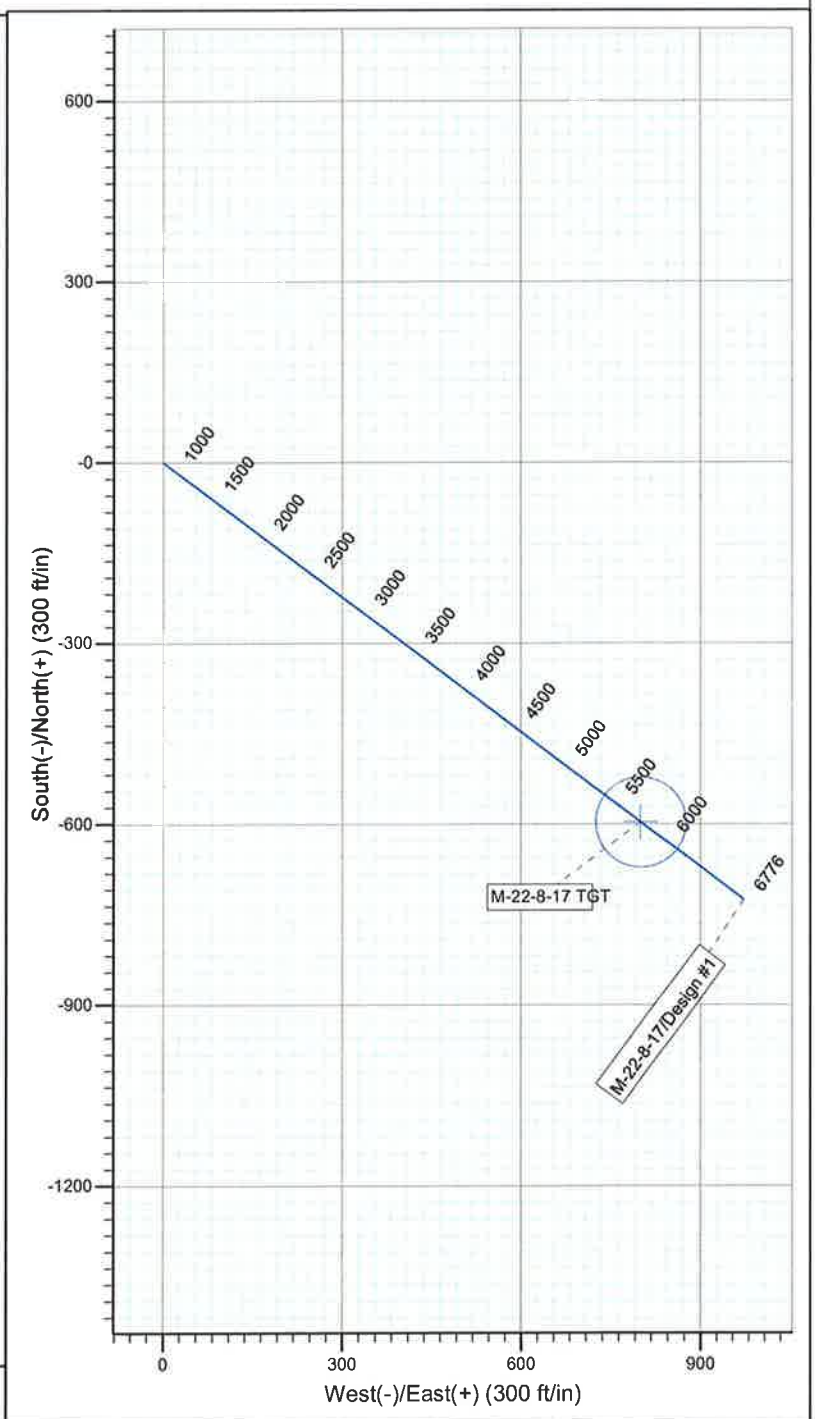
T M

Azimuths to True North
Magnetic North: 11.39°

Magnetic Field
Strength: 52391.8snT
Dip Angle: 65.88°
Date: 2010/09/07
Model: IGRF2010

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
M-22-8-17 TGT	5650.0	-597.1	801.3	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1409.7	12.14	126.69	1403.6	-51.1	68.6	1.50	126.69	85.5	
4	5753.3	12.14	126.69	5650.0	-597.1	801.3	0.00	0.00	999.3	M-22-8-17 TGT
5	6776.2	12.14	126.69	6650.0	-725.7	973.9	0.00	0.00	1214.5	

PAYZONE

'APIWellNo:43013505150000'

M-22-8-17

MEMORANDUM
of
AMENDMENT TO EASEMENT, RIGHT-OF-WAY
and
SURFACE USE AGREEMENT

This Amendment to Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 4th day of September, 2009 by and between **Brad Lee Nelson and Joann H. Nelson, Co-Trustees of the Brad and Joann Nelson Family Trust, dated February 28, 1991,** whose address is PO Box 638, Roosevelt, UT 84066 ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 17th Street, Suite 2000, Denver, Colorado 80202.

Whereas Surface Owner and NEWFIELD entered into an Easement, Right-of-Way and Surface Use Agreement dated March 1, 2008 covering certain lands situated in Duchesne and Uintah Counties, Utah, as described as follows:

Township 8 South, Range 17 East
Section 22: NE, E/2NW, N/2SW, SESW, S/2SE
Section 23: SWSW
Duchesne County, Utah

Township 8 South, Range 17 East
Section 23: SESW
Uintah County, Utah

being 520 acres, more or less and pertaining to the following wells:

Federal 1-22-8-17 (NENE – Sec. 22)
Federal 31-22-8-17 (NWNE – Sec. 22)
Federal 22-22Y-8-17 (SENW – Sec. 22)
Federal 32-22-8-17 (SWNE – Sec. 22)
Federal 8-22-8-17 (SENE – Sec. 22)
Federal 23-22Y-8-17 (NESW – Sec. 22)
Federal 13-22Y-8-17 (NWSW – Sec. 22)
Federal 14-22-8-17 (SESW – Sec. 22)
Federal 15-22-8-17 (SWSE – Sec. 22)
Federal 16-22-8-17 (SESE – Sec. 22)
Federal 13-23-8-17 (SWSW – Sec. 23)
Federal 14-23-8-17 (SESW – Sec. 23)

And Whereas Surface Owner and NEWFIELD hereby amend the aforementioned Easement, Right-of-Way and Surface Agreement to include the following well:

Federal 3-22-8-17 (NENW – Sec. 22)

For and in consideration of the sum of ten dollars ($10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Amendment to Easement, Right-of Way and Surface Use Agreement by and between Surface Owner and NEWFIELD, dated September 4, 2009, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

Except as supplemented and amended in this Amendment, the Easement, Right-of-Way and Surface Use Agreement dated March 1, 2008, and referenced herein, shall remain in full force and effect as originally executed.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned. This agreement replaces and supersedes any and all prior agreements covering the lands described herein.

These Parties hereto have executed this document effective as of the day first above written.

NEWFIELD PRODUCTION COMPANY

By: _____
Daniel W. Shewmake
Vice President, Development

SURFACE OWNER:
BRAD AND JOANN NELSON FAMILY TRUST, DATED FEBRUARY 28, 1991

By: _____
Brad Lee Nelson, Co-Trustee

By: _____
Joann H. Nelson, Co-Trustee

'APIWellNo:43013505150000'

STATE OF UTAH)
)ss
COUNTY OF Duchesne)

This instrument was acknowledged before me this 30th day of Sept., 2009 by Brad & Joann Nelson.

Witness my hand and official seal.

Notary Public

My commission expires 9/8/2013

TIM EATON
NOTARY PUBLIC-STATE OF UTAH
COMMISSION# 580019
COMM. EXP. 09-08-2013

STATE OF COLORADO)
)ss
COUNTY OF DENVER)

This instrument was acknowledged before me this Sept 17th, 2009 by **Daniel W. Shewmake, as Vice President, Development of Newfield Production Company**, a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

Notary Public

My commission expires 2/22/2010

COLLEEN BOOKER
NOTARY
PUBLIC
STATE OF COLORADO
My Commission Expires 02/22/2010

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE M-22-8-17
AT SURFACE: SE/NW SECTION 22, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Greater Monument Butte M-22-8-17 located in the SE 1/4 NW 1/4 Section 22, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly – 6.8 miles ± to it's junction with an existing road to the east; proceed easterly - 3.0 miles ± to it's junction with an existing road to the northeast; proceed northeasterly - 0.4 miles ± to the existing 22-22Y-8-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 22-22Y-8-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. *LOCATION AND TYPE OF WATER SUPPLY*

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 41-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. *SOURCE OF CONSTRUCTION MATERIALS*

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. *METHODS FOR HANDLING WASTE DISPOSAL*

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. *ANCILLARY FACILITIES*

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE**:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – Brad and Joann Nelson. See attached Memorandum of Surface Use Agreement.

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #10-178, 11/4/10. Paleontological Resource Survey prepared by, Wade E. Miller, 10/22/10. See attached report cover pages, Exhibit "D".

Surface Flow Line
Newfield requests 346' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "D"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Termination and Final Reclamation: After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

Water Disposal
After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Details of the On-Site Inspection
The proposed Greater Monument Butte M-22-8-17 was on-sited on 11/9/10. The following were present; Tim Eaton (Newfield Production), Christine Cimiluca (Bureau of Land Management), Suzanne Grayson (Bureau of Land Management), and Janna Simonsen (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Greater Monument Butte M-22-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Greater Monument Butte M-22-8-

'APIWellNo:43013505150000'

17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-22-8-17, Section 22, Township 8S, Range 17E: Lease UTU-77233 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

11/30/10
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

'APIWellNo:43013505150000'

2-M SYSTEM

Blowout Prevention Equipment Systems

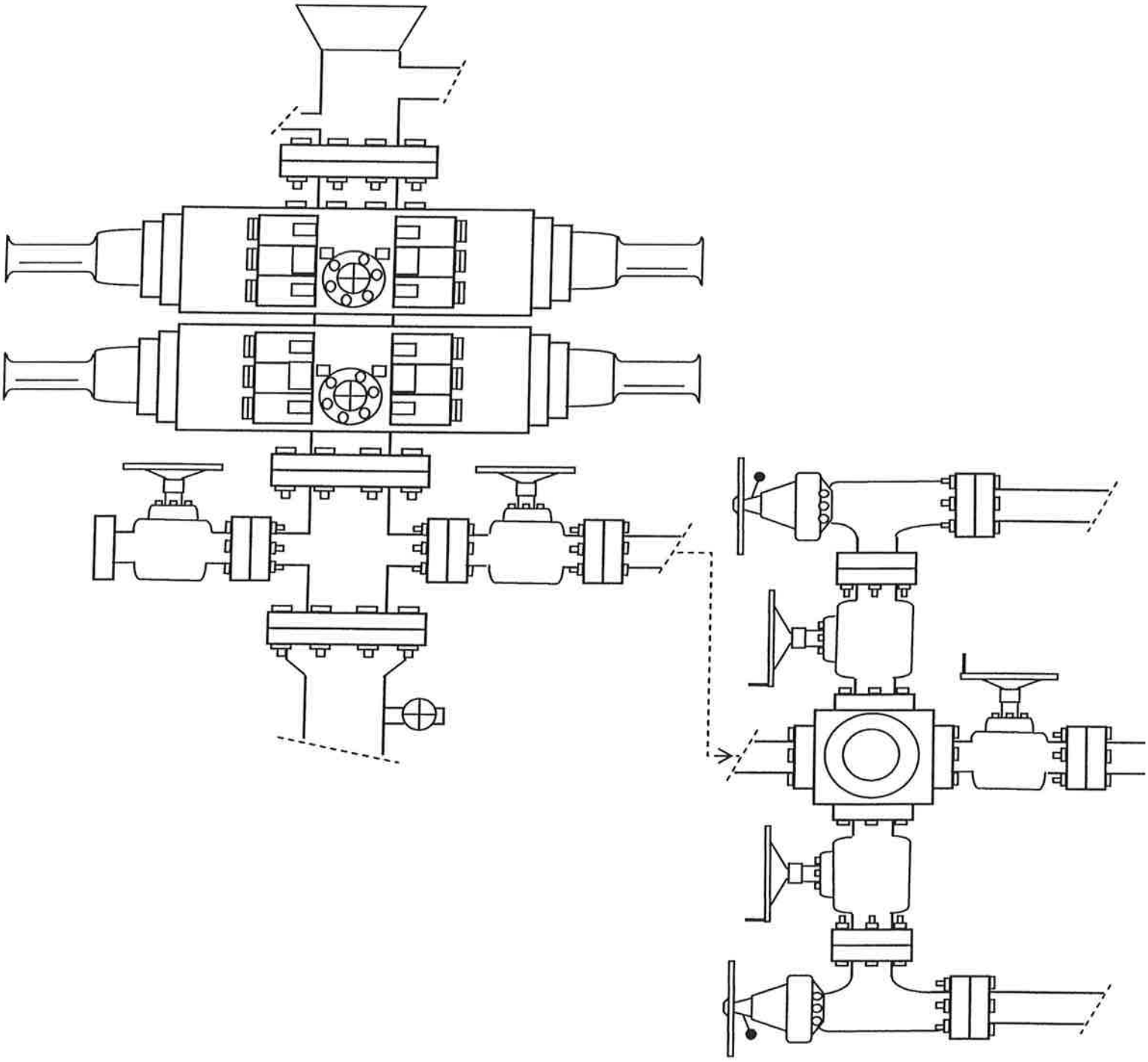
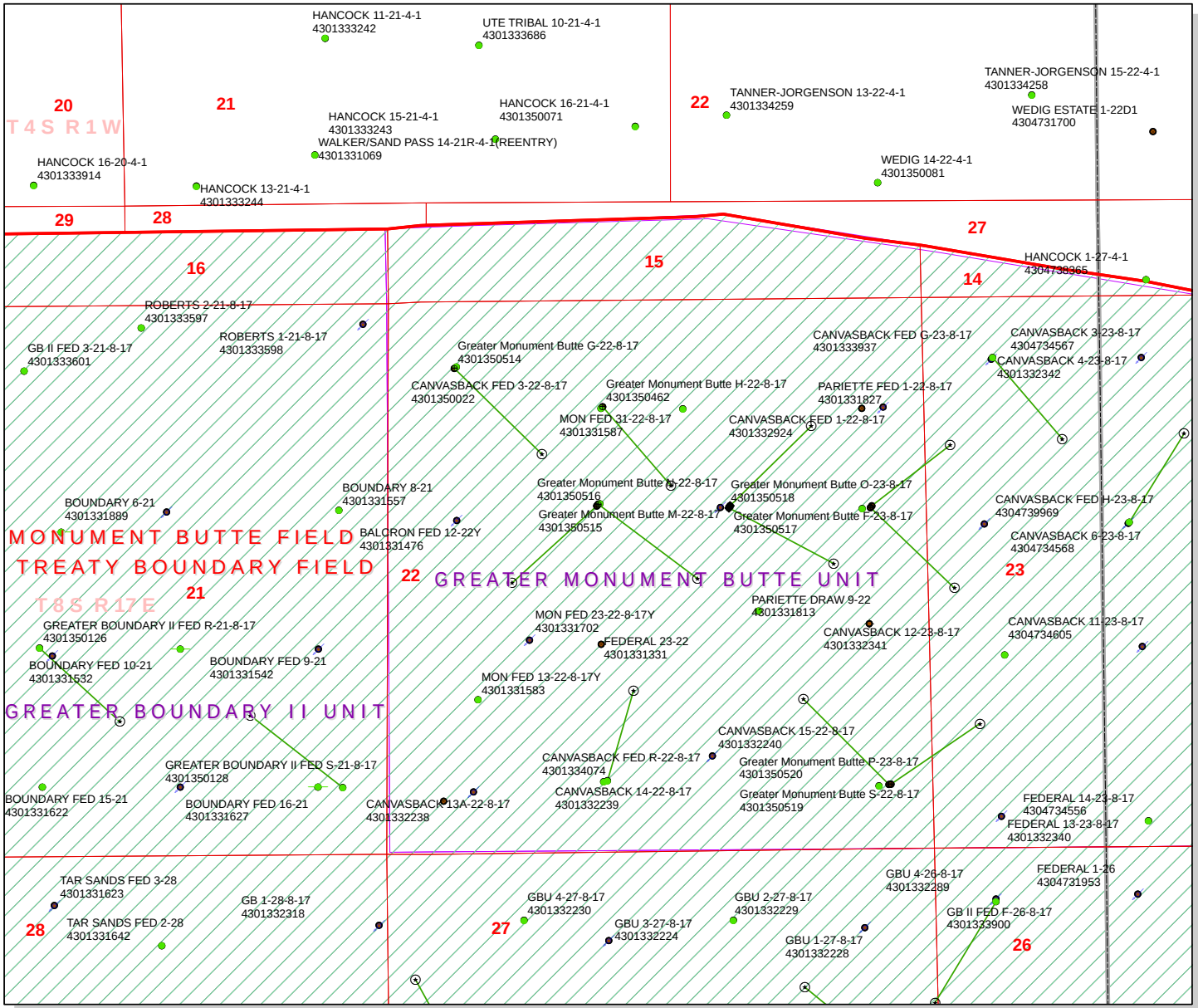


EXHIBIT C

'APIWellNo:43013505150000'



API Number: 4301350515

Well Name: Greater Monument Butte M-22-8-17

Township 08.0 S Range 17.0 E Section 22

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED
Fields
Sections
Township
Bottom Hole Location - AGRC

Wells Query
<all other values>
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well

1:11,846

'APIWellNo:43013505150000'

NEWFIELD
ROCKY MOUNTAINS

December 1, 2010

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Greater Monument Butte M-22-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 22: SENW (UTU-77233)
1959' FNL 2011' FWL

Bottom Hole: T8S-R17E Section 22: NWSE (UTU-77233)
2597' FSL 2309' FEL

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 11/30/10, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

Should you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

'APIWellNo:43013505150000'

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-77233

6. If Indian, Allotee or Tribe Name
NA

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Greater Monument Butte

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Greater Monument Butte M-22-8-17

2. Name of Operator Newfield Production Company

9. API Well No.

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*
(435) 646-3721

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface SE/NW 1959' FNL 2011' FWL Sec. 22, T8S R17E (UTU-77233)
At proposed prod. zone NW/SE 2597' FSL 2309' FEL Sec. 22, T8S R17E (UTU-77233)

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 22, T8S R17E

14. Distance in miles and direction from nearest town or post office*
Approximately 11.6 miles southeast of Myton, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
Approx. 2480' f/lse, NA' f/unit

16. No. of acres in lease
560.00

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
Approx. 1,032'

19. Proposed Depth
6,776'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5160' GL

22. Approximate date work will start*
1st Qtr 2011

23. Estimated duration
(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Mandie Crozier
Name *(Printed/Typed)* Mandie Crozier
Date 11/30/10

Title
Regulatory Specialist

Approved by *(Signature)*
Name *(Printed/Typed)*
Date

Title
Office

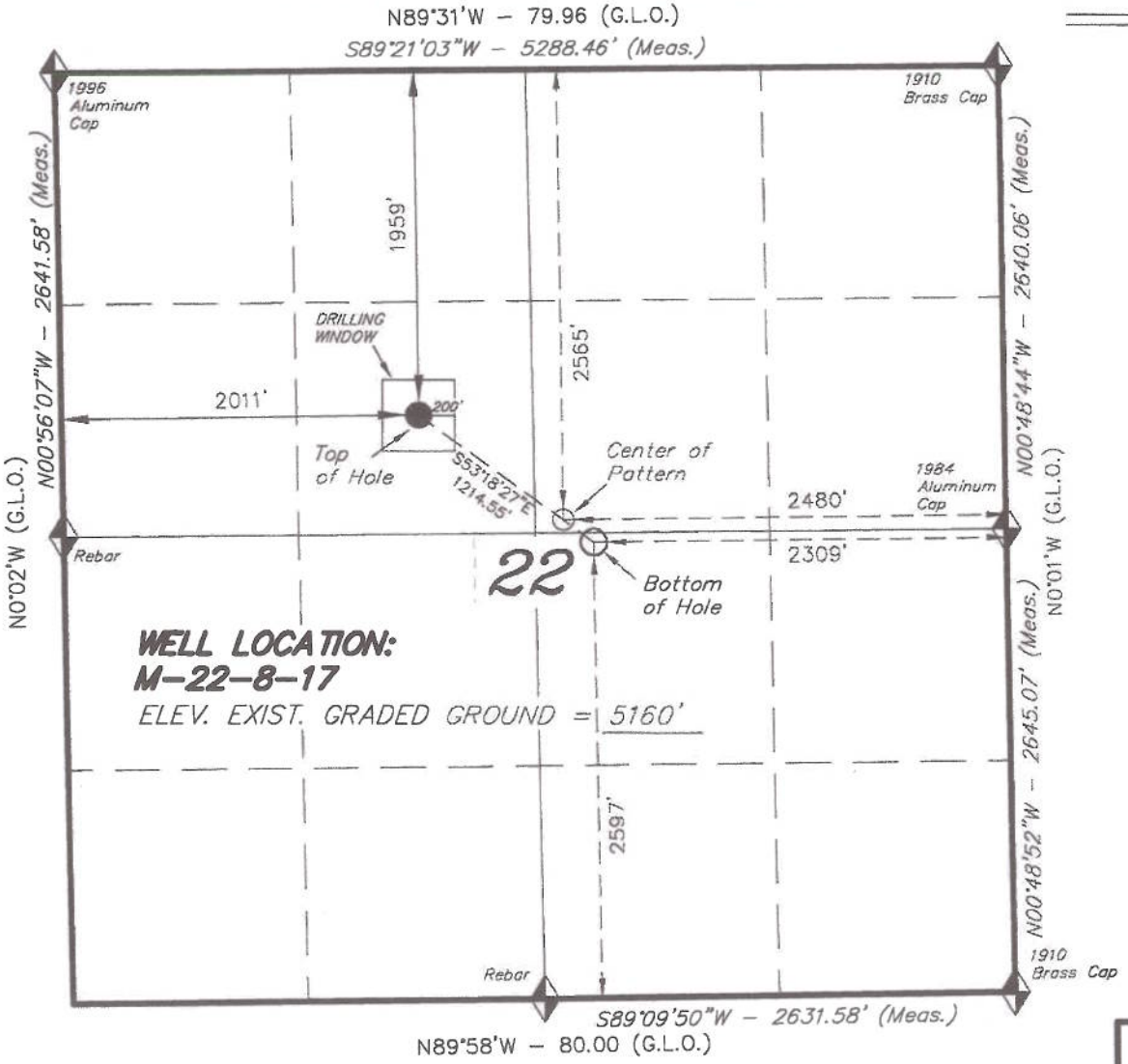
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

T8S, R17E, S.L.B.&M.



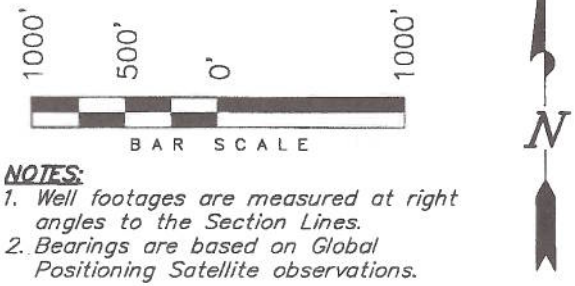
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, M–22–8–17, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 22, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, M–22–8–17, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 22, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR 189377 STATE OF UTAH

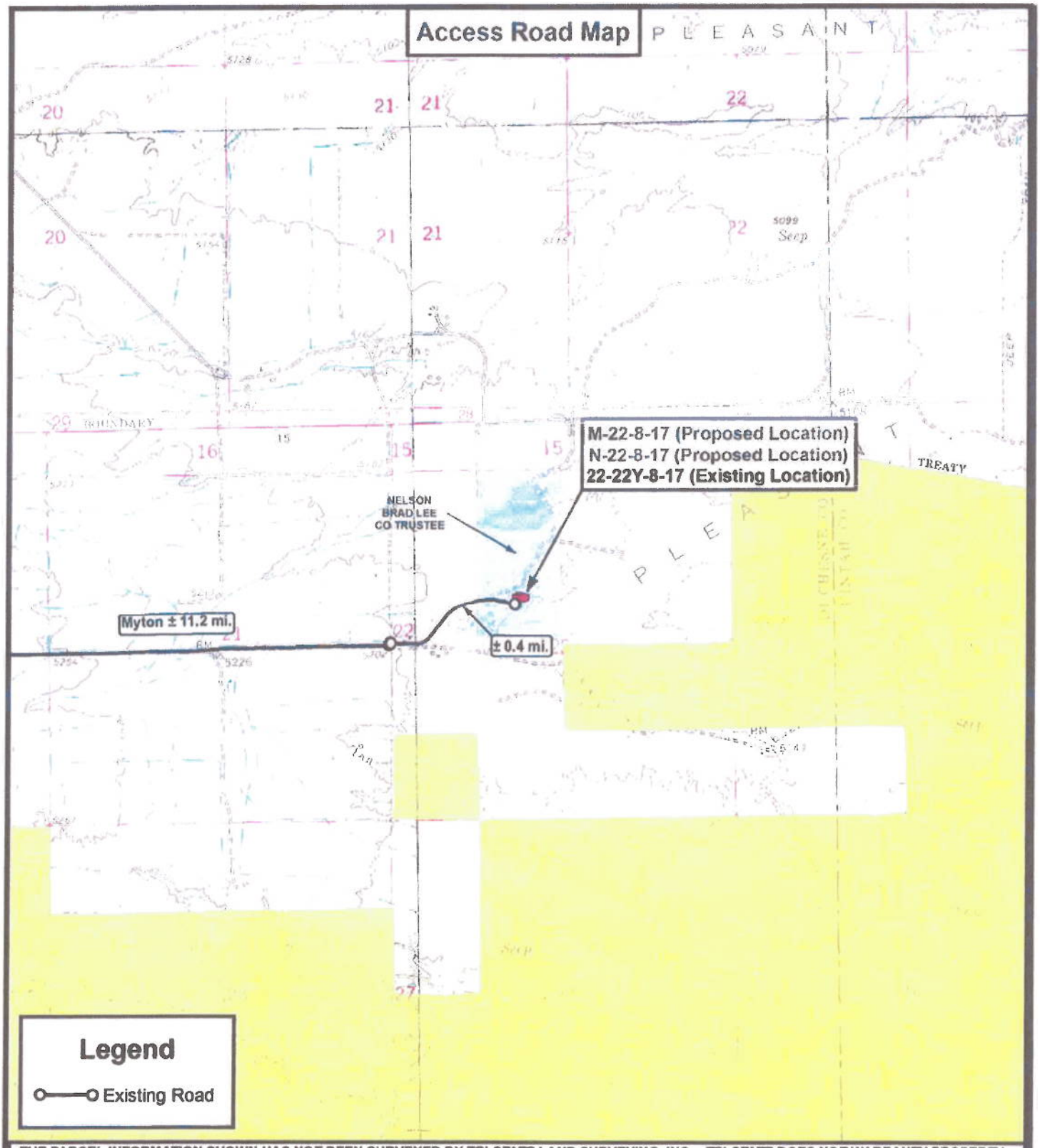
M–22–8–17
(Surface Location) *NAD 83*
LATITUDE = 40° 06' 19.26"
LONGITUDE = 109° 59' 41.34"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781–2501

DATE SURVEYED: 08–13–10	SURVEYED BY: D.G.
DATE DRAWN: 09–29–10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

'APIWellNo:43013505150000'

Access Road Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

M-22-8-17 (Proposed Location)
N-22-8-17 (Proposed Location)
22-22Y-8-17 (Existing Location)
SEC. 22, T8S, R17E, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.
DATE:	08-26-2010
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET B

'APIWellNo:43013505150000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

December 1, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2010 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50511	GMBU Q-17-9-17	Sec 17 T09S R17E 0650 FSL 0640 FWL BHL Sec 17 T09S R17E 1715 FSL 1718 FWL
43-013-50512	GMBU T-18-9-17	Sec 17 T09S R17E 0642 FSL 0620 FWL BHL Sec 18 T09S R17E 1481 FSL 0183 FEL
43-013-50513	GMBU W-7-9-17	Sec 18 T09S R17E 0691 FNL 2054 FWL BHL Sec 07 T09S R17E 0175 FSL 2447 FEL
43-013-50514	GMBU G-22-8-17	Sec 22 T08S R17E 0645 FNL 0642 FWL BHL Sec 22 T08S R17E 1474 FNL 1475 FWL
43-013-50515	GMBU M-22-8-17	Sec 22 T08S R17E 1959 FNL 2011 FWL BHL Sec 22 T08S R17E 2597 FSL 2309 FEL
43-013-50516	GMBU N-22-8-17	Sec 22 T08S R17E 1975 FNL 1998 FWL BHL Sec 22 T08S R17E 2568 FSL 1183 FWL
43-013-50517	GMBU F-23-8-17	Sec 22 T08S R17E 2002 FNL 0635 FEL BHL Sec 23 T08S R17E 1414 FNL 0278 FWL
43-013-50518	GMBU O-23-8-17	Sec 22 T08S R17E 2017 FNL 0650 FEL BHL Sec 23 T08S R17E 2491 FSL 0146 FWL

'APIWellNo:43013505150000'

API #	WELL NAME	LOCATION

(Proposed PZ GREEN RIVER)

43-013-50519 GMBU S-22-8-17 Sec 22 T08S R17E 0612 FSL 0499 FEL
BHL Sec 22 T08S R17E 1438 FSL 1306 FEL

43-013-50520 GMBU P-23-8-17 Sec 22 T08S R17E 0618 FSL 0479 FEL
BHL Sec 23 T08S R17E 1190 FSL 0376 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2010.12.01 11:38:12 -07'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:12-1-10

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY				
Well Name	Greater Monument Butte M-22-8-17				
API Number	43013505150000	**APD No**	3246	**Field/Unit**	MONUMENT BUTTE
Location: 1/4,1/4	SENW **Sec** 22 **Tw** 8.0S **Rng** 17.0E	1959 FNL	2011 FWL		
GPS Coord (UTM)		**Surface Owner**	Brad and Joann Nelson		

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield) and Kent Nelson (Representing Surface Owner)

Regional/Local Setting & Topography

The proposed Greater Monument Butte N-22-8-17 and Greater Monument Butte M-22-8-17 oil wells are directional wells to be drilled from the existing pad of the 22-22Y-8-17 producing oil well. The pad is planned to be extended about 31 feet to the east. No significant impacts should occur with this expansion. The surface of the existing pad is soft with heavy alkali on the surface. Rutting from current use is evident. The site should be hardened with approximately 6 inches of road base or imported borrow. The reserve pit will be re-dug in approximately the original location. The well is on a 20-acre spacing.

The site should be a suitable for drilling and operating the proposed additional wells.

Brad and Joann Nelson own the surface.

The minerals are owned by the United States Government and administered by the Bureau of Land Management.

Surface Use Plan

Current Surface Use
Grazing
Agricultural
Wildlfe Habitat

New Road Miles	Well Pad Width	Well Pad Length	Src Const Material	Surface Formation
0				

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Soil Type and Characteristics
Soft sandt clay loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues Y

The surface of the existing pad is soft with heavy alkali on the surface. Rutting from current use is evident. The site should be hardened with approximately 6 inches of road base or imported borrow.

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)		20	
Distance to Surface Water (feet)		20	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	75	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug in approximately the original location. Its dimensions are 80' x 40' x 8' deep. A 16 mil liner with an appropriate sub-liner is required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	11/23/2010
Evaluator	**Date / Time**

'APIWellNo:43013505150000'

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3246	43013505150000	LOCKED	OW	P	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	Brad and Joann Nelson
Well Name	Greater Monument Butte M-22-8-17	**Unit**	GMBU (GRRV)
Field	MONUMENT BUTTE	**Type of Work**	DRILL
Location	SENW 22 8S 17E S 1959 FNL 2011 FWL GPS Coord (UTM)	585741E	4439724N

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the proposed drilling, casing and cement programs.

Brad Hill	12/20/2010
APD Evaluator	**Date / Time**

Surface Statement of Basis

The proposed Greater Monument Butte N-22-8-17 and Greater Monument Butte M-22-8-17 oil wells are directional wells to be drilled from the existing pad of the 22-22Y-8-17 producing oil well. The pad is planned to be extended about 31 feet to the east. No significant impacts should occur with this expansion. The surface of the existing pad is soft with heavy alkali on the surface. Rutting from current use is evident. The site should be hardened with approximately 6 inches of road base or imported borrow. The reserve pit will be re-dug in approximately the original location. The well is on a 20-acre spacing.

The site should be a suitable for drilling and operating the proposed additional wells.

Brad and Joann Nelson own the surface. Kent Nelson, a son, attended the pre-site visit. Mr. Nelson had no concerns regarding the proposal.

The minerals are owned by the United States Government and administered by the Bureau of Land Management. Ms. Christina Cimiluca and Ms. Janna Simonsen previously visited the site with Mr. Tim Eaton of Newfield. They had no concerns or recommendations.

Floyd Bartlett	11/23/2010
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The surface of the existing pad is soft with heavy alkali on the surface. Rutting from current use is evident. The site should be hardened with approximately 6 inches of road base or imported borrow.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/30/2010 **API NO. ASSIGNED:** 43013505150000

WELL NAME: Greater Monument Butte M-22-8-17

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SENW 22 080S 170E **Permit Tech Review:** ☑

SURFACE: 1959 FNL 2011 FWL **Engineering Review:** ☐

BOTTOM: 2597 FSL 2309 FEL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.10534 **LONGITUDE:** -109.99402

UTM SURF EASTINGS: 585741.00 **NORTHINGS:** 4439724.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-77233 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - WYB000493
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11

Effective Date: 11/30/2009

Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - dmason
5 - Statement of Basis - bhill
15 - Directional - dmason
27 - Other - bhill

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Greater Monument Butte M-22-8-17
API Well Number: 43013505150000
Lease Number: UTU-77233
Surface Owner: FEE (PRIVATE)
Approval Date: 12/21/2010

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 29 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMB M-22-8-17
Qtr/Qtr SW/NE Section 22 Township 8S Range 17E
Lease Serial Number UTU-77233
API Number 43-013-50515

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/22/11 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 3:00 PM 4/22/11 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-77233

6. If Indian, Allotee or Tribe Name
NA

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Greater Monument Butte

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Greater Monument Butte M-22-8-17

2. Name of Operator Newfield Production Company

9. API Well No.
43-013-50515

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*
(435) 646-3721

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface SE/NW 1959' FNL 2011' FWL Sec. 22, T8S R17E (UTU-77233)
At proposed prod. zone NW/SE 2597' FSL 2309' FEL Sec. 22, T8S R17E (UTU-77233)

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 22, T8S R17E

14. Distance in miles and direction from nearest town or post office*
Approximately 11.6 miles southeast of Myton, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
Approx. 2480' f/lse, NA' f/unit	560.00	20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
Approx. 1,032'	6,776'	WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23. Estimated duration**
5160' GL	1st Qtr. 2011	(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Mandie Crozier	Mandie Crozier	11/30/10

Title
Regulatory Specialist

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
Assistant Field Manager Lands & Mineral Resources	Jerry Kenczka	APR 19 2011
Title	**Office**	
	VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

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MAY 02 2011
DIV. OF OIL, GAS & MINING

NOS 10/8/2010

AFMSS# UGXSD193A

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
DEC 02 2010
BLM VERNAL, UTAH

UDOGM

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**SENW, Sec. 22, T8S R17E**
Well No:	**Greater Monument Butte M-22-8-17**	**Lease No:**	**UTU-77233**
API No:	**43-013-50515**	**Agreement:**	**Greater Monument Butte**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL:

- A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be installed and maintained in the reserve pit.

- Any deviation from the submitted APD surface use, the operator will notify the BLM in writing and include a copy of surface owner authorization.

- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and surface use agreement on their person(s) during all phases of construction.

- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All permanent surface equipment (meaning on site for six months or longer) will be painted Covert Green to match the surrounding landscape color unless otherwise authorized. This would include all facilities except those required to comply with Occupational Safety and Health Act (OSHA) regulations.

- Reclamation will be completed in accordance with the recontouring and reseeding procedures outlined in the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM, unless otherwise specified by the private surface owner.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- The operator shall comply with all applicable requirements in the SOP (version: "Greater Monument Butte Green River Development Program", June 24, 2008). The operator shall also comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18031	4301350446	BECKSTEAD 11-17-4-2W	NESW	17	4S	2W	DUCHESNE	4/26/2011	5/10/11
WELL 1 COMMENTS: GRRV											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4304751506	GMBU I-36-8-17	~~NWSE~~ SWNE	36	8S	17E	UINTAH	5/6/2011	5/10/11
GRRV BHL = NENE											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	17400 ✓	4301350516	GMB N-22-8-17	SENW	22	8S	17E	DUCHESNE	4/23/2011	5/10/11
GRRV BHL = NWSW											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350515	GMB M-22-8-17	SENW	22	8S	17E	DUCHESNE	4/22/2011	5/10/11
GRRV BHL = NWSE											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301334231	STATE 4-36-8-15	NWNW	36	8S	15E	DUCHESNE	4/27/2011	5/10/11
GRRV											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18032	4304751130	UTE TRIBAL 13-20-4-2E	SWSW	20	4S	2E	UINTAH	4/29/2011	5/10/11
GRRV											

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
MAY 09 2011
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
05/09/11

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
USA UTU-77233

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
GRTR MON BUTTE M-22-8-17

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301350515

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1959 FNL 2011 FWL
Section 22 T8S R17E SE NW

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Spud Notice
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/22/11 MIRU Ross #29. Spud well @12:00 PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 310.12. On 3/24/11 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 7 barrels cement to pit. WOC.

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Branden Arnold

Title

Signature

Date
04/29/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
MAY 17 2011
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **310.12**

LAST CASING **14** SET AT **23**
DATUM **12**
DATUM TO CUT OFF CASING **12**
DATUM TO BRADENHEAD FLANGE **12**
TD DRILLER **310** LOGGER
HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**
WELL **GMBU M-22-8-17**
FIELD/PROSPECT **Monument Butte**
CONTRACTOR & RIG # **Ross #29**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		wellhead				A	1.42
7	8 5/8"	casing (shoe jt 37.30)	24	J-55	STC	A	299.8
1		guide shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	302.12	7
LESS NON CSG. ITEMS	2.32	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	299.8	7
TOTAL CSG. DEL. (W/O THRDS)		
TIMING		
BEGIN RUN CSG. Spud	12:00 PM	4/22/2011
CSG. IN HOLE	5:00 AM	4/22/2011
BEGIN CIRC	8:54 AM	4/26/2011
BEGIN PUMP CMT	9:05 AM	4/26/2011
BEGIN DSPL. CMT	9:16 AM	4/26/2011
PLUG DOWN	**9:22 AM**	**4/26/2011**

TOTAL LENGTH OF STRING	302.12
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	10
CASING SET DEPTH	**310.12**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE
RECIPROCATED PIPI No

BUMPED PLUG TO 580

CEMENT USED		CEMENT COMPANY- BJ
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G"+2%CaCl Mixed@ 15.8ppg W/1.17 yield returned 7bbls to pit
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle of first, top of second and third for a total of three.		

COMPANY REPRESENTATIVE **Branden Arnold** DATE **4/28/2011**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	USA UTU-77233
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	GMBU
1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: GRTR MON BUTTE M-22-8-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301350515
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE:	COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 22, T8S, R17E	STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
05/31/2011	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Weekly Status Report
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 5/31/2011, attached is a daily completion status report.

RECEIVED
JUN 15 2011
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jennifer Peatross TITLE Production Technician

SIGNATURE Peatross DATE 06/09/2011

(This space for State use only)

Daily Activity Report

Format For Sundry

GMBU M-22-8-17

3/1/2011 To 7/30/2011

5/20/2011 Day: 1 **Completion**

Rigless on 5/20/2011 - Ran CBL and perforated 1st stage. SIWFN w/ 160 BWTR. - NU Cameron BOP's. RU Hot oiler & test casing, WH head, Casing valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6690' w/ TOC @ 96'. RIH w/ 3 1/8" ported guns & perforate CP4 sds @ 6430- 40' w/ (11 gram, .36"EH, 16.82¿ pen. 120°) 3 spf for total of 30 shots. RD WLT & Hot Oiler. SIWFN w/ 160 BWTR.
Daily Cost: $0
Cumulative Cost: $17,011

5/24/2011 Day: 2 **Completion**

Rigless on 5/24/2011 - Fraced and perforated Stages 1-5 with BJ Services and Perforators. Began flowback on 20/64 choke at 3 BPM. Well flowed for 6 hours and died. Recovered 900 bbls of fluid. SIWFN. - RU BJ Services and Perforators Wireline for Stage 2. Perforate CP1 and CP0.5 sands as shown in perforation report. Rig down Perforators Wireline and frac CP1 and CP0.5 sands with 55,244 lbs of white 20/40 sand. Leave pressure on well. 1192 BWTR. - RU BJ Services and Perforators Wireline for Stage 3. Perforate LODC sands as shown in perforation report. Rig down Perforators Wireline and frac LODC sands with 130,038 lbs of white 20/40 sand. Leave pressure on well. 2449 BWTR. - RU BJ Services and Perforators Wireline for Stage 4. Perforate C, D2, and DS3 sands as shown in perforation report. Rig down Perforators Wireline and frac C, D2, and DS3 sands with 67,609 lbs of white 20/40 sand. Leave pressure on well. 3069 BWTR. - RU BJ Services for Stage 1. Frac CP4 sands with 44,050 lbs of white 20/40 sand. Leave pressure on well. 679 BWTR. - RU BJ Services and Perforators Wireline for Stage 5. Perforate GB4 sands as shown in perforation report. Rig down Perforators Wireline and frac GB4 sands with 40,972 lbs of white 20/40 sand. Leave pressure on well. 3489 BWTR. - Begin flowback on 20/64 choke at 3 BPM. Well flowed for 6 hours and died. Recovered 900 bbls of fluid. SIWFN with 2589 BWTR.
Daily Cost: $0
Cumulative Cost: $156,655

5/27/2011 Day: 3 **Completion**

WWS #3 on 5/27/2011 - MIRUWOR. TIH to DO/CO. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. MIRUWOR. BD well, ND Cameron BOPS, NU 5K Shaffer BOPS, RU floor and tbg works. Unload tbg and PU and RIH w/4-3/4" chomp bit, bit sub and 2-7/8" tbg to tag plg @ 4850'. PU and waited on pump pkg/ wtr to arrive. RU Slaugh PS and MIRU pump pkg. Unload wtr and catch circ. DO plg in 15 min. RIH to tag fill @ 5571'. CO to plg @ 5640'. DO in 21 min. RIH to 5908' and circ well clean. SWIFN @ 17:30.
Daily Cost: $0
Cumulative Cost: $164,132

5/31/2011 Day: 4 **Completion**

WWS #3 on 5/31/2011 - Drilled out remaining two plugs and cleaned out to PBTD. Rigged up swab equipment, made 14 swab runs, and recovered 155 bbls of fluid with no sand and a

trace of oil. SWIFN. - Crew travel and safety meeting on loading tongs. Pressure on tubing at 50 psi and pressure on casing at 100 psi. Run into hole with tubing, tag fill at 5928', clean out 212' of fill to plug at 6140', circulate well clean, and drill out plug in 16 minutes. Run into hole with tubing, tag fill at 6320', clean out 30' of fill to plug at 6350', and drill out plug in 21 minutes. Run into hole with tubing, tag fill at 6579', and clean out 141' of fill to PBTD at 6720'. Circulate well clean and rack out drilling equipment. Lay down (2) joints of tubing to place end of tubing at 6657'. Rig up swab equipment, make 14 swab runs, and recover 155 bbls of fluid with no sand and a trace of oil. SWIFN at 5:30 pm with 2434 BWTR. FFL at 1000'.
Daily Cost: $0
Cumulative Cost: $214,441

6/1/2011 Day: 5 **Completion**

WWS #3 on 6/1/2011 - Tripped out of hole with tubing to lay down chomp bit. Tripped into hole with production tubing and rods. Seated pump, rigged up pumping unit, hung off rods, and stroked pump to 800 psi. Pump tested good. RDMO. - Crew travel and safety meeting on tripping pipe. Pressure on casing at 100 psi and pressure on tubing at 200 psi. Bleed down well. Run into hole with tubing to PBTD at 6720'. No new fill. Circulate well clean and lay down extra tubing. Trip out of hole with tubing and lay down 4-3/4" chomp bit. Pick up and run into hole with tubing and BHA as follows: notched collar, (2) joints 2-7/8" tubing, pump seating nipple, (1) joint 2-7/8" tubing, tubing anchor, and (206) joints 2-7/8" tubing. Nipple down BOPs, set tubing anchor with 18,000 lbs of tension, and land tubing to place PSN at 6445.94', TAC at 6412.09', and EOT at 6510.53'. Nipple up wellhead and cross-over to rod equipment. Flush tubing with 60 bbls of water. - Pick up and prime Central Hydraulic 25-175-RHAC-20-4-21-24 pump with 225" max stroke length. Pick up and trip into hole with rods as follows: (1) 1" x 4' stabilizer bar, (4) 1-1/2" weight bars, (152) 3/4" 8per guided rods, (100) 7/8" 8per guided rods, (1) 7/8" x 4' pony rod, and (1) 1-1/2" x 30' polish rod. Seat pump, rig up pumping unit, hang off rods, and stroke pump to 800 psi. Pump tested good. RDMO with 2434 BWTR. **Finalized**
Daily Cost: $0
Cumulative Cost: $258,869

Pertinent Files: Go to File List

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-77233

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
Greater Monument Butte

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
Greater Monument Butte M-22-8-17

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*
(435) 646-3721

9. AFI Well No.
43-013-50515

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 1959' FNL & 2011' FWL (SE/NW) SEC. 22, T8S, R17E (UTU-77233)

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area
SEC. 22, T8S, R17E

At top prod. interval reported below 2446' FNL & 2613' FEL (SW/NE) SEC. 22, T8S, R17E (UTU-77233)

At total depth 2618 FSL 2322 FEL
2613' FSL & 2314' FEL (NW/SE) SEC. 22, T8S, R17E (UTU-77233)

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
04/22/2011

15. Date T.D. Reached
05/08/2011

16. Date Completed 05/31/2011
☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5160' GL 5172' KB

18. Total Depth: MD 6760'
TVD 6635'

19. Plug Back T.D.: MD 6720'
TVD 6597'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	310'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6766'		300 PRIMLITE		96'	
						416 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6511'	TA @ 6142'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4780-	6440'	4780-6440'	.36"	192	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4780-6440'	Frac w/ 337913#'s 20/40 sand in 2290 bbls of Lightning 17 fluid in 5 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/9/11	6/23/11	24	→	33	72	63			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

RECEIVED
JUL 07 2011
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	4780'	6440'		GARDEN GULCH MRK	4317'
				GARDEN GULCH 1	4510'
				GARDEN GULCH 2	4634'
				POINT 3	4915'
				X MRKR	5147'
				Y MRKR	5186'
				DOUGLAS CREEK MRK	5318'
				BI CARBONATE MRK	5600'
				B LIMESTON MRK	5750'
				CASTLE PEAK	6189'
				BASAL CARBONATE	6590'
				WASATCH	6730'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Jennifer Peatross Title Production Technician

Signature Jpeatross Date 06/29/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 22 T8S, R17E
M-22-8-17

Wellbore #1

Design: Actual

Standard Survey Report

18 May, 2011

NEWFIELD

PayZone Directional Services, LLC.

Survey Report

PAYZONE

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-22-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Site:	SECTION 22 T8S, R17E	**MD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Well:	M-22-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 22 T8S, R17E, SEC 22 T8S, R17E				
Site Position:		**Northing:**	7,208,900.00 ft	**Latitude:**	40° 6' 1.964 N
From:	Lat/Long	**Easting:**	2,062,000.00 ft	**Longitude:**	109° 59' 34.084 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.97 °

Well	M-22-8-17, SHL LAT: 40° 06' 19.26, LONG: -109° 59' 41.34					
Well Position	**+N/-S**	0.0 ft	**Northing:**	7,210,640.29 ft	**Latitude:**	40° 6' 19.260 N
	+E/-W	0.0 ft	**Easting:**	2,061,406.80 ft	**Longitude:**	109° 59' 41.340 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,172.0 ft	**Ground Level:**	5,160.0 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2010/09/07	11.39	65.88	52,392

Design	Actual					
Audit Notes:						
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0	
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**		
	0.0	0.0	0.0	126.69		

Survey Program	**Date** 2011/05/18			
From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
317.0	6,760.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
317.0	0.70	110.40	317.0	-0.7	1.8	1.9	0.22	0.22	0.00
348.0	0.80	125.60	348.0	-0.9	2.2	2.3	0.72	0.32	49.03
378.0	1.00	138.00	378.0	-1.2	2.5	2.7	0.93	0.67	41.33
409.0	1.30	149.10	409.0	-1.7	2.9	3.3	1.20	0.97	35.81
440.0	1.70	157.20	440.0	-2.4	3.2	4.0	1.46	1.29	26.13
470.0	2.00	162.10	470.0	-3.3	3.6	4.8	1.13	1.00	16.33
501.0	2.30	159.40	500.9	-4.4	4.0	5.8	1.02	0.97	-8.71
531.0	2.50	164.70	530.9	-5.6	4.3	6.8	1.00	0.67	17.67
562.0	2.50	172.90	561.9	-6.9	4.6	7.8	1.15	0.00	26.45
592.0	2.70	179.70	591.8	-8.3	4.7	8.7	1.22	0.67	22.67
623.0	2.90	184.10	622.8	-9.8	4.6	9.6	0.95	0.65	14.19
654.0	3.10	186.10	653.8	-11.4	4.5	10.4	0.73	0.65	6.45

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-22-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Site:	SECTION 22 T8S, R17E	**MD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Well:	M-22-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
684.0	3.30	186.30	683.7	-13.1	4.3	11.3	0.67	0.67	0.67
714.0	3.70	187.20	713.7	-14.9	4.1	12.2	1.35	1.33	3.00
745.0	4.20	188.70	744.6	-17.0	3.8	13.2	1.65	1.61	4.84
776.0	4.70	187.10	775.5	-19.4	3.5	14.4	1.66	1.61	-5.16
806.0	5.10	182.50	805.4	-22.0	3.3	15.7	1.87	1.33	-15.33
837.0	5.50	177.10	836.3	-24.8	3.3	17.4	2.06	1.29	-17.42
881.0	6.10	172.10	880.0	-29.2	3.7	20.4	1.78	1.36	-11.36
925.0	6.50	168.60	923.8	-34.0	4.5	23.9	1.26	0.91	-7.95
969.0	6.90	166.80	967.5	-39.0	5.6	27.8	1.03	0.91	-4.09
1,013.0	7.30	163.80	1,011.1	-44.3	7.0	32.1	1.24	0.91	-6.82
1,057.0	7.40	158.70	1,054.8	-49.6	8.8	36.7	1.50	0.23	-11.59
1,101.0	7.70	155.60	1,098.4	-54.9	11.0	41.7	1.15	0.68	-7.05
1,145.0	7.70	151.40	1,142.0	-60.2	13.7	46.9	1.28	0.00	-9.55
1,189.0	7.70	146.70	1,185.6	-65.2	16.7	52.4	1.43	0.00	-10.68
1,233.0	7.90	142.90	1,229.2	-70.1	20.1	58.0	1.26	0.45	-8.64
1,277.0	8.60	141.50	1,272.7	-75.1	24.0	64.1	1.66	1.59	-3.18
1,321.0	9.40	138.50	1,316.2	-80.4	28.4	70.8	2.11	1.82	-6.82
1,365.0	9.40	133.70	1,359.6	-85.5	33.4	77.9	1.78	0.00	-10.91
1,409.0	9.20	130.70	1,403.0	-90.3	38.7	85.0	1.19	-0.45	-6.82
1,453.0	9.70	129.00	1,446.4	-94.9	44.2	92.2	1.30	1.14	-3.86
1,497.0	10.30	124.40	1,489.8	-99.5	50.4	99.8	2.27	1.36	-10.45
1,541.0	10.90	121.40	1,533.0	-103.9	57.2	107.9	1.85	1.36	-6.82
1,585.0	11.30	120.20	1,576.2	-108.2	64.4	116.3	1.05	0.91	-2.73
1,629.0	11.70	119.50	1,619.3	-112.6	72.0	125.0	0.96	0.91	-1.59
1,673.0	12.30	118.60	1,662.3	-117.0	80.0	134.1	1.43	1.36	-2.05
1,717.0	12.80	118.80	1,705.3	-121.6	88.4	143.6	1.14	1.14	0.45
1,761.0	12.80	118.30	1,748.2	-126.3	97.0	153.2	0.25	0.00	-1.14
1,805.0	13.20	118.50	1,791.1	-131.0	105.7	163.0	0.91	0.91	0.45
1,849.0	13.90	117.40	1,833.8	-135.8	114.8	173.2	1.70	1.59	-2.50
1,893.0	14.20	120.20	1,876.5	-141.0	124.2	183.8	1.69	0.68	6.36
1,937.0	14.40	119.80	1,919.2	-146.4	133.6	194.6	0.51	0.45	-0.91
1,981.0	13.50	118.50	1,961.9	-151.6	142.8	205.1	2.17	-2.05	-2.95
2,025.0	12.80	117.70	2,004.7	-156.3	151.7	215.0	1.64	-1.59	-1.82
2,069.0	12.50	116.50	2,047.6	-160.7	160.2	224.5	0.91	-0.68	-2.73
2,113.0	12.10	117.20	2,090.6	-164.9	168.6	233.7	0.97	-0.91	1.59
2,157.0	12.00	118.20	2,133.7	-169.2	176.7	242.8	0.53	-0.23	2.27
2,201.0	11.90	119.40	2,176.7	-173.6	184.7	251.8	0.61	-0.23	2.73
2,245.0	12.00	118.50	2,219.7	-178.0	192.7	260.9	0.48	0.23	-2.05
2,289.0	11.70	119.30	2,262.8	-182.3	200.6	269.8	0.78	-0.68	1.82
2,333.0	11.60	119.80	2,305.9	-186.7	208.3	278.6	0.32	-0.23	1.14
2,377.0	11.30	120.80	2,349.0	-191.1	215.9	287.3	0.82	-0.68	2.27
2,421.0	11.10	120.80	2,392.2	-195.5	223.2	295.8	0.45	-0.45	0.00
2,465.0	10.90	122.50	2,435.4	-199.9	230.4	304.2	0.87	-0.45	3.86
2,509.0	10.90	123.80	2,478.6	-204.5	237.3	312.5	0.56	0.00	2.95
2,553.0	11.40	124.10	2,521.8	-209.2	244.4	321.0	1.14	1.14	0.68
2,597.0	12.00	123.10	2,564.8	-214.1	251.8	329.9	1.44	1.36	-2.27
2,641.0	11.90	120.30	2,607.9	-218.9	259.6	338.9	1.34	-0.23	-6.36
2,685.0	11.90	119.10	2,650.9	-223.4	267.4	348.0	0.56	0.00	-2.73
2,729.0	12.30	121.40	2,694.0	-228.1	275.4	357.1	1.42	0.91	5.23
2,773.0	12.40	120.60	2,737.0	-232.9	283.5	366.5	0.45	0.23	-1.82
2,817.0	11.90	119.76	2,780.0	-237.6	291.5	375.7	1.21	-1.14	-1.91
2,861.0	12.20	118.50	2,823.0	-242.0	299.5	384.8	0.91	0.68	-2.86
2,905.0	12.70	117.90	2,866.0	-246.5	307.9	394.2	1.17	1.14	-1.36
2,949.0	13.10	117.50	2,908.9	-251.1	316.6	403.9	0.93	0.91	-0.91

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-22-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Site:	SECTION 22 T8S, R17E	**MD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Well:	M-22-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,993.0	13.40	116.70	2,951.7	-255.7	325.5	413.8	0.80	0.68	-1.82
3,037.0	13.80	115.90	2,994.4	-260.3	334.8	424.0	1.00	0.91	-1.82
3,081.0	14.50	118.70	3,037.1	-265.2	344.4	434.6	2.22	1.59	6.36
3,125.0	15.20	122.40	3,079.6	-270.9	354.1	445.8	2.68	1.59	8.41
3,168.0	16.00	123.20	3,121.1	-277.2	363.8	457.3	1.93	1.86	1.86
3,212.0	16.20	121.90	3,163.3	-283.8	374.1	469.5	0.94	0.45	-2.95
3,257.0	15.20	121.10	3,206.7	-290.1	384.5	481.6	2.27	-2.22	-1.78
3,301.0	14.30	123.30	3,249.2	-296.1	393.9	492.8	2.41	-2.05	5.00
3,345.0	13.60	123.80	3,291.9	-302.0	402.8	503.4	1.61	-1.59	1.14
3,389.0	13.30	123.50	3,334.7	-307.6	411.3	513.6	0.70	-0.68	-0.68
3,433.0	13.40	126.70	3,377.5	-313.5	419.6	523.8	1.69	0.23	7.27
3,477.0	13.20	128.50	3,420.3	-319.6	427.6	533.9	1.05	-0.45	4.09
3,521.0	13.10	126.50	3,463.2	-325.7	435.6	543.9	1.06	-0.23	-4.55
3,565.0	13.80	126.10	3,506.0	-331.8	443.8	554.1	1.60	1.59	-0.91
3,609.0	14.80	127.10	3,548.6	-338.3	452.5	565.0	2.34	2.27	2.27
3,653.0	15.00	126.00	3,591.1	-345.0	461.6	576.3	0.79	0.45	-2.50
3,697.0	14.20	124.10	3,633.7	-351.4	470.7	587.4	2.12	-1.82	-4.32
3,741.0	14.10	122.70	3,676.4	-357.3	479.7	598.1	0.81	-0.23	-3.18
3,785.0	14.60	120.00	3,719.0	-363.0	489.0	609.0	1.90	1.14	-6.14
3,829.0	15.10	120.50	3,761.5	-368.7	498.7	620.2	1.17	1.14	1.14
3,873.0	14.80	119.40	3,804.0	-374.3	508.6	631.5	0.94	-0.68	-2.50
3,917.0	14.10	122.40	3,846.6	-380.0	518.0	642.4	2.33	-1.59	6.82
3,961.0	13.70	120.80	3,889.4	-385.5	527.0	652.9	1.26	-0.91	-3.64
4,005.0	13.10	124.10	3,932.2	-391.0	535.6	663.1	2.21	-1.36	7.50
4,049.0	12.70	126.40	3,975.1	-396.6	543.6	672.9	1.48	-0.91	5.23
4,093.0	12.60	127.50	4,018.0	-402.4	551.3	682.5	0.59	-0.23	2.50
4,137.0	12.60	127.90	4,060.9	-408.3	558.9	692.1	0.20	0.00	0.91
4,181.0	12.40	129.30	4,103.9	-414.2	566.4	701.6	0.83	-0.45	3.18
4,225.0	11.80	131.80	4,146.9	-420.2	573.4	710.8	1.81	-1.36	5.68
4,266.0	11.30	132.80	4,187.1	-425.7	579.4	719.0	1.31	-1.22	2.44
4,313.0	10.50	132.10	4,233.2	-431.7	586.0	727.9	1.73	-1.70	-1.49
4,357.0	10.50	130.20	4,276.5	-437.0	592.0	735.8	0.79	0.00	-4.32
4,401.0	10.80	129.70	4,319.7	-442.2	598.3	744.0	0.71	0.68	-1.14
4,445.0	11.10	130.20	4,362.9	-447.6	604.7	752.3	0.72	0.68	1.14
4,489.0	10.90	131.10	4,406.1	-453.1	611.0	760.7	0.60	-0.45	2.05
4,533.0	11.20	130.40	4,449.3	-458.6	617.4	769.1	0.75	0.68	-1.59
4,577.0	11.20	129.20	4,492.5	-464.1	624.0	777.6	0.53	0.00	-2.73
4,621.0	11.00	126.90	4,535.6	-469.3	630.7	786.1	1.10	-0.45	-5.23
4,665.0	10.70	125.00	4,578.9	-474.1	637.4	794.4	1.06	-0.68	-4.32
4,709.0	10.20	124.20	4,622.1	-478.7	643.9	802.4	1.18	-1.14	-1.82
4,797.0	9.80	125.60	4,708.8	-487.4	656.5	817.6	0.53	-0.45	1.59
4,841.0	9.60	126.80	4,752.2	-491.8	662.5	825.0	0.65	-0.45	2.73
4,885.0	9.30	126.40	4,795.6	-496.1	668.3	832.3	0.70	-0.68	-0.91
4,929.0	9.20	128.90	4,839.0	-500.4	673.9	839.3	0.94	-0.23	5.68
4,973.0	9.30	129.60	4,882.4	-504.9	679.3	846.4	0.34	0.23	1.59
5,017.0	9.00	127.10	4,925.9	-509.2	684.8	853.4	1.13	-0.68	-5.68
5,061.0	9.00	125.40	4,969.3	-513.3	690.4	860.3	0.60	0.00	-3.86
5,105.0	9.00	123.20	5,012.8	-517.2	696.0	867.2	0.78	0.00	-5.00
5,149.0	9.00	123.70	5,056.2	-521.0	701.8	874.0	0.18	0.00	1.14
5,193.0	9.40	124.70	5,099.7	-524.9	707.6	881.1	0.98	0.91	2.27
5,237.0	9.60	124.50	5,143.1	-529.0	713.6	888.3	0.46	0.45	-0.45
5,281.0	9.80	125.90	5,186.4	-533.3	719.6	895.7	0.70	0.45	3.18
5,325.0	10.20	126.00	5,229.8	-537.8	725.8	903.4	0.91	0.91	0.23
5,369.0	10.30	127.30	5,273.1	-542.5	732.1	911.2	0.57	0.23	2.95

NEWFIELD

PayZone Directional Services, LLC.

Survey Report

PAYZONE

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-22-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Site:	SECTION 22 T8S, R17E	**MD Reference:**	M-22-8-17 @ 5172.0ft (Newfield Rig 1)
Well:	M-22-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,413.0	10.40	127.10	5,316.3	-547.3	738.4	919.1	0.24	0.23	-0.45
5,457.0	10.20	125.70	5,359.6	-551.9	744.7	927.0	0.73	-0.45	-3.18
5,501.0	10.20	125.50	5,402.9	-556.5	751.1	934.7	0.08	0.00	-0.45
5,545.0	10.20	123.90	5,446.2	-560.9	757.5	942.5	0.64	0.00	-3.64
5,589.0	10.30	125.40	5,489.5	-565.4	763.9	950.4	0.65	0.23	3.41
5,633.0	10.20	126.40	5,532.8	-569.9	770.3	958.2	0.46	-0.23	2.27
5,677.0	10.10	129.30	5,576.2	-574.7	776.4	965.9	1.18	-0.23	6.59
5,721.0	10.30	130.40	5,619.5	-579.7	782.4	973.7	0.63	0.45	2.50
5,755.6	10.14	128.60	5,653.5	-583.6	787.1	979.8	1.03	-0.46	-5.21
M-22-8-17 TGT									
5,765.0	10.10	128.10	5,662.8	-584.6	788.4	981.5	1.03	-0.44	-5.31
5,809.0	9.50	126.80	5,706.1	-589.2	794.3	989.0	1.45	-1.36	-2.95
5,853.0	9.20	125.60	5,749.5	-593.4	800.1	996.1	0.81	-0.68	-2.73
5,897.0	9.10	123.90	5,793.0	-597.4	805.9	1,003.1	0.66	-0.23	-3.86
5,941.0	9.90	125.40	5,836.4	-601.5	811.8	1,010.4	1.90	1.82	3.41
5,985.0	11.60	128.40	5,879.6	-606.5	818.4	1,018.6	4.07	3.86	6.82
6,029.0	12.90	129.00	5,922.6	-612.3	825.7	1,027.9	2.97	2.95	1.36
6,073.0	13.60	125.90	5,965.4	-618.4	833.7	1,038.0	2.27	1.59	-7.05
6,117.0	13.30	125.50	6,008.2	-624.4	842.0	1,048.2	0.71	-0.68	-0.91
6,161.0	12.70	126.00	6,051.1	-630.2	850.0	1,058.1	1.39	-1.36	1.14
6,205.0	12.00	125.40	6,094.1	-635.7	857.7	1,067.5	1.62	-1.59	-1.36
6,249.0	12.90	124.80	6,137.0	-641.1	865.4	1,077.0	2.07	2.05	-1.36
6,293.0	13.50	123.80	6,179.9	-646.8	873.7	1,087.1	1.46	1.36	-2.27
6,338.0	13.20	124.60	6,223.7	-652.6	882.3	1,097.4	0.78	-0.67	1.78
6,382.0	13.50	125.30	6,266.5	-658.4	890.6	1,107.6	0.77	0.68	1.59
6,426.0	13.30	125.30	6,309.3	-664.3	899.0	1,117.8	0.45	-0.45	0.00
6,470.0	13.10	126.40	6,352.1	-670.2	907.1	1,127.8	0.73	-0.45	2.50
6,514.0	13.00	127.50	6,395.0	-676.2	915.0	1,137.8	0.61	-0.23	2.50
6,558.0	12.90	128.20	6,437.9	-682.2	922.8	1,147.6	0.42	-0.23	1.59
6,602.0	12.40	128.70	6,480.8	-688.2	930.4	1,157.3	1.16	-1.14	1.14
6,646.0	11.90	129.40	6,523.8	-694.1	937.6	1,166.5	1.18	-1.14	1.59
6,690.0	11.60	129.10	6,566.9	-699.7	944.5	1,175.5	0.70	-0.68	-0.68
6,760.0	10.80	130.20	6,635.5	-708.4	955.0	1,189.0	1.18	-1.14	1.57

Wellbore Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
M-22-8-17 TGT	0.00	0.00	5,650.0	-597.1	801.3	7,210,056.79	2,062,218.06	40° 6' 13.359 N	109° 59' 31.027 W
- actual wellpath misses by 19.9ft at 5755.6ft MD (5653.5 TVD, -583.6 N, 787.1 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD

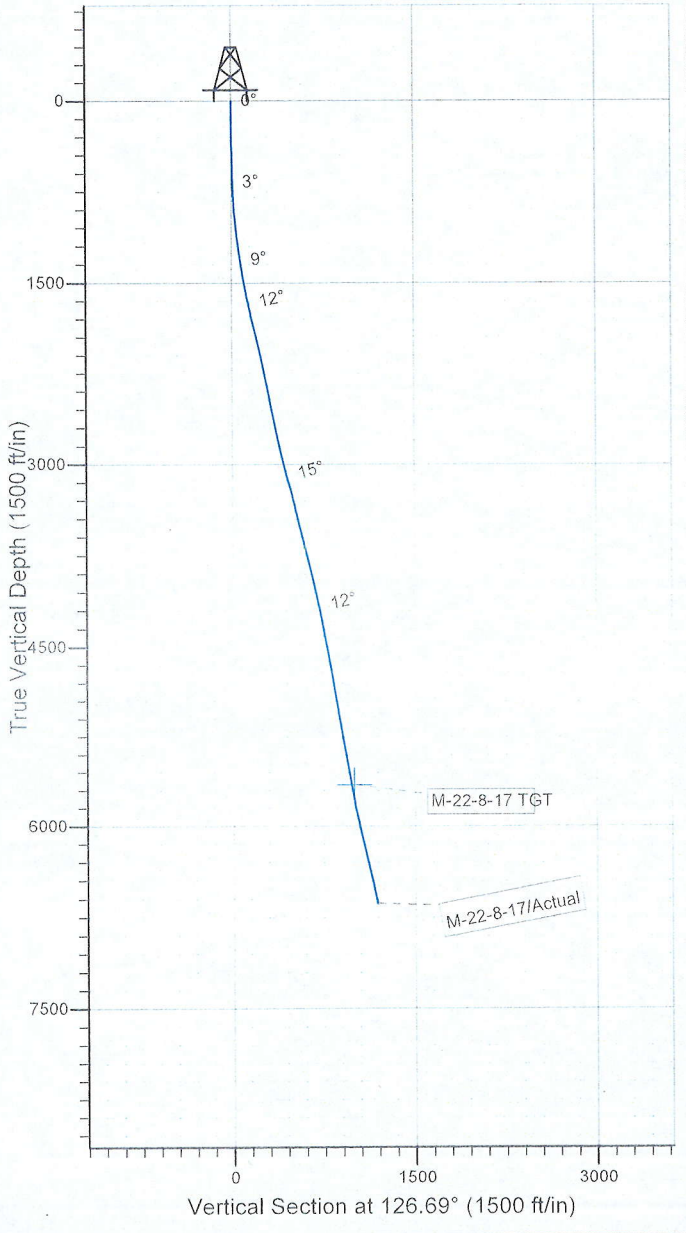
Project: USGS Myton SW (UT)
Site: SECTION 22 T8S, R17E
Well: M-22-8-17
Wellbore: Wellbore #1
SURVEY: Actual

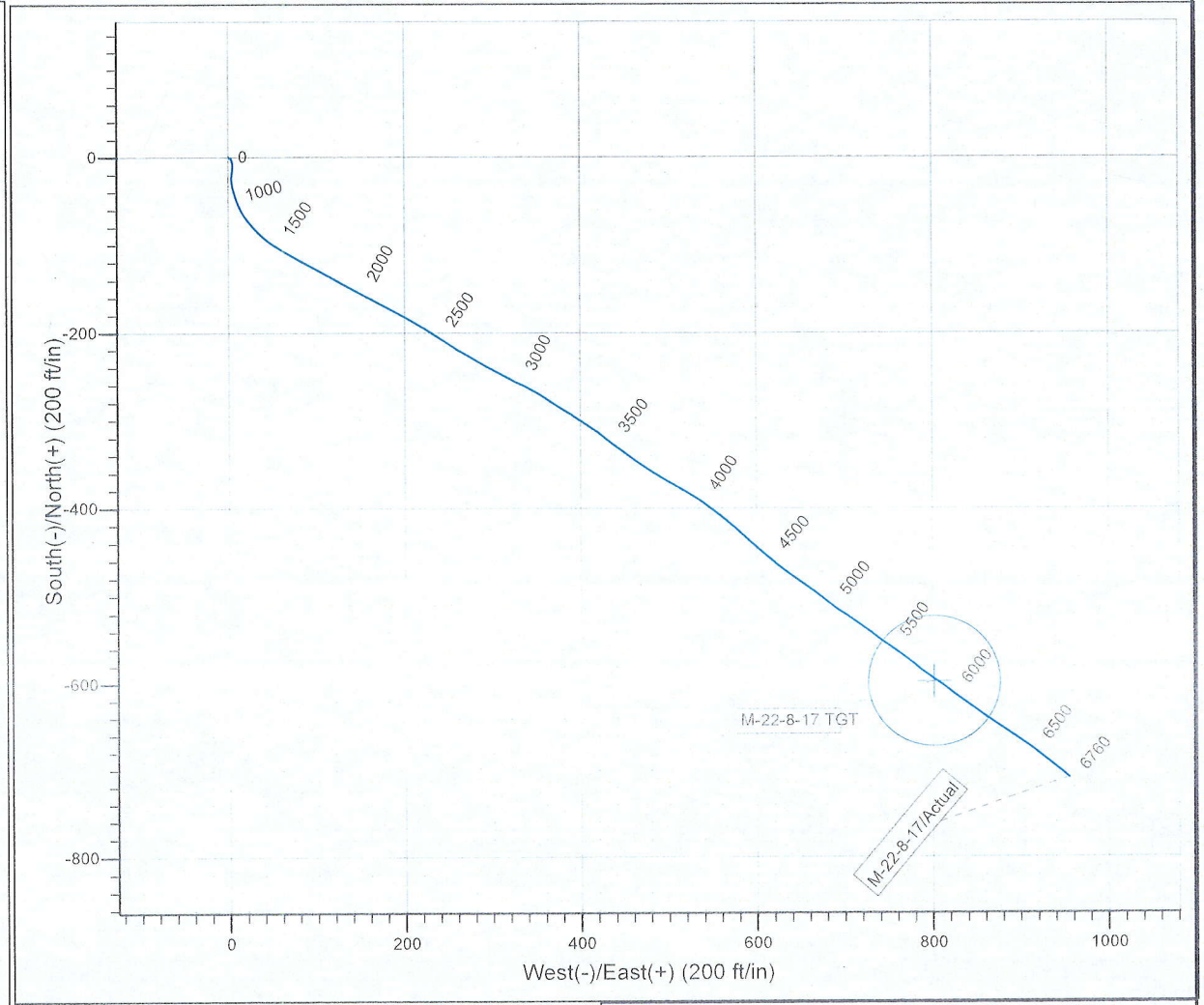
FINAL SURVEY REPORT

T M

Azimuths to True North
Magnetic North: 11.39°

Magnetic Field
Strength: 52391.8snT
Dip Angle: 65.88°
Date: 2010/09/07
Model: IGRF2010





PAYZONE DIRECTIONAL

Design: Actual (M-22-8-17/Wellbore #1)

Created By: Sarah Webb Date: 21:42, May 18 2011

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

GMBU M-22-8-17

3/1/2011 To 7/30/2011

GMBU M-22-8-17 **Waiting on Cement**

Date: 4/28/2011

Ross #29 at 310. Days Since Spud - @ 310.12'KB. On 4/26/2011 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - On 4/27/2011 Ross #29 spud and drilled 310' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set @ 310'. Returned 7bbls to pit, bump plug to 580psi, BLM and State were notified of spud via e-mail.

Daily Cost: $0

Cumulative Cost: $57,644

GMBU M-22-8-17 **Drill 7 7/8" hole with fresh water**

Date: 5/5/2011

NDSI SS #1 at 2211. 1 Days Since Spud - Rig Down Prepair for move - Drill 7 7/8" hole F/ 860' to 2211', w/ 20,000 WOB, 160 RPM, 420 GPM, 250fph ROP - Change Hydraulic Pump Flush Lines - Drill 7 7/8" hole F/ 280' to 860', w/ 20,000 WOB, 160 RPM, 420 GPM, 250fph ROP - Monel, X-Over, 26 HWDP - Pick up BHA as follows. 6.5" Hunting 7/8mil 4.8stg 1.5° Mud Motor, X-Over, Monel, Gap Sub, Index Sub - 2,000PSI For 10 min. Tested 8 5/8" Casing to 1,500PSI For 30min. All tested good - Rig up B&C Quick Test and Pressure test Pipe and Blind Rams, Choke, Upper Kelly, and Floor Valve to - MIRU on the GMB M-22-8-17 Set all Surface Equipment - Rig Down Prepair for move - Drill 7 7/8" hole F/ 860' to 2211', w/ 20,000 WOB, 160 RPM, 420 GPM, 250fph ROP - Change Hydraulic Pump Flush Lines - Drill 7 7/8" hole F/ 280' to 860', w/ 20,000 WOB, 160 RPM, 420 GPM, 250fph ROP - Monel, X-Over, 26 HWDP - Pick up BHA as follows. 6.5" Hunting 7/8mil 4.8stg 1.5° Mud Motor, X-Over, Monel, Gap Sub, Index Sub - 2,000PSI For 10 min. Tested 8 5/8" Casing to 1,500PSI For 30min. All tested good - Rig up B&C Quick Test and Pressure test Pipe and Blind Rams, Choke, Upper Kelly, and Floor Valve to - MIRU on the GMB M-22-8-17 Set all Surface Equipment

Daily Cost: $0

Cumulative Cost: $99,855

GMBU M-22-8-17 **Drill 7 7/8" hole with fresh water**

Date: 5/6/2011

NDSI SS #1 at 5159. 2 Days Since Spud - Rig service funtion test pipe rams and BOP Drill - Drill 7 7/8" hole F/ 3003'- 5159', w/ 20 WOB, 160 RPM, 379 GPM, 120 ROP - Drill 7 7/8" hole F/ 2211' - 3003', w/ 20 WOB, 160 RPM, 379 GPM, 144 ROP

Daily Cost: $0

Cumulative Cost: $141,778

GMBU M-22-8-17 **Lay Down Drill Pipe/BHA**

Date: 5/7/2011

NDSI SS #1 at 6775. 3 Days Since Spud - Rig service funtion test pipe rams - 2 min BOP drill - Work on Hydraulic hose - Drill 7 7/8" hole F/ 5599' - 5775', w/ 20 WOB, 160 RPM, 379 GPM, 70.4 ROP - Drill 7 7/8" hole F/ 5159' - 5599', w/ 20 WOB, 160 RPM, 379 GPM, 88 ROP - Lay down DP to 4000' - Circulate bottoms up for logs - Drill 7 7/8" hole F/ 5775' - 6775', w/ 20 WOB, 160 RPM, 379 GPM, 80 ROP- TD

Daily Cost: $0

Cumulative Cost: $177,058

GMBU M-22-8-17 **Wait on Completion**

Date: 5/8/2011

NDSI SS #1 at 6775. 4 Days Since Spud - Circulate csg - CHT w/BJ Pump 300 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg yield @ 3.54 Then tail of 416 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Mixed @ 14.4 ppg yeild @ 1.24 return 30 bbls to pit Bump plug to 1800 psi - Clean mud tanks - Release rig @ 6:00 am on 5/8/11 - Change rams and test csg rams @ 2000 psi - PU csg run 160 jt 5.5 15.5# j-55 LTC-tag -GS set @ 6765.71' KB -FC set @ 6765.71' KB - Lay down DP, BHA and dir. Tools - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/CBL suite TD to 3000' (loggers TD 6772') **Finalized**

Daily Cost: $0

Cumulative Cost: $333,627

Pertinent Files: Go to File List